

**REPORT
ON
FUELING AREA SITE ASSESSMENT**

Prepared for

BUCKLEY AIR NATIONAL GUARD BASE

AURORA, COLORADO



Prepared by

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Boulder, Colorado

August 15, 1996

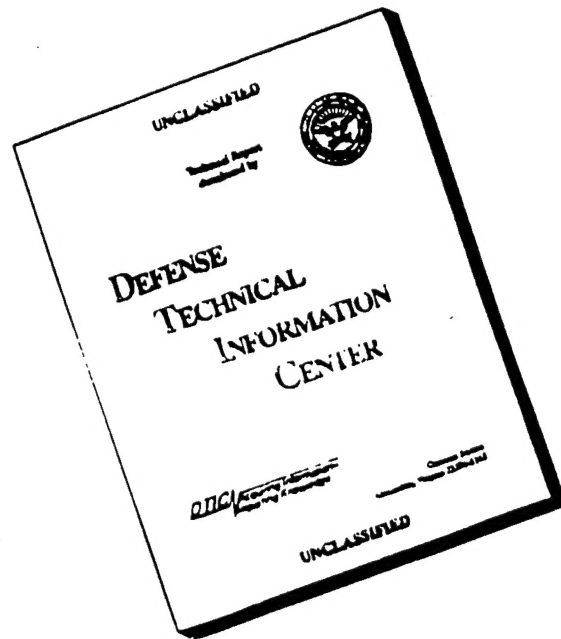
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LIST OF ACRONYMS

| | |
|-------|--|
| ANG | Air National Guard |
| ANGRC | Air National Guard Readiness Center |
| ATHA | Ambient Temperature Headspace Analysis |
| BTEX | Benzene, Toluene, Ethylbenzene, and Xylenes |
| CDPHE | Colorado Department of Public Health and Environment |
| CHRIS | Chemical Hazard Response Information System |
| cu. | cubic |
| EPA | Environmental Protection Agency |
| F | Fahrenheit |
| ft. | feet |
| GC | Gas Chromatograph |
| HWT | HazWaste Technologies® |
| ID | Identification |
| I.D. | Inside Diameter |
| IDW | Investigation Derived Waste |
| JP-4 | Jet Fuel |
| LCS | Laboratory Control Samples |
| MCL | Maximum Contaminant Level |
| mg/kg | milligrams per kilogram |
| mg/l | milligrams per liter |
| ml | milliliter |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| MSL | Mean Sea Level |
| ND | Not Detected |
| NOAA | National Oceanic and Atmospheric Administration |
| PID | Photoionization Detector |
| PPE | Personal Protective Equipment |
| ppm | parts per million |
| QA | Quality Assurance |
| QAPP | Quality Assurance Project Plan |
| QC | Quality Control |
| RAC | Remedial Action Category |
| RCRA | Resource Conservation and Recovery Act |
| RPD | Relative Percent Difference |
| RSD | Relative Standard Deviation |
| TCLP | Toxicity Characteristic Leachate Procedure |
| TVPH | Total Volatile Petroleum Hydrocarbons |
| TPH | Total Petroleum Hydrocarbons |
| µg/l | micrograms per liter |
| µg/kg | micrograms per kilogram |

LIST OF ACRONYMS (CONTINUED)

USDA
VOA
VOC
yd.

United States Department of Agriculture
Volatile Organic Analysis
Volatile Organic Compound
yard

EXECUTIVE SUMMARY

Introduction

This report provides results of a Site Assessment performed at the Fuel Storage Area at Buckley ANG Base in Aurora, Colorado. Buckley ANG Base occupies 3,328 acres of land within the City of Aurora in Arapahoe County, Colorado. The Fuel Storage Area (also known as the Fueling Area) is located on the west side of the Base at the intersection of South Powderhorn Street and East Breckenridge Avenue. The Fueling Area consists of above ground storage tanks in a bermed area, pumps, piping, valves, an unloading stand and a fill stand. Jet fuel from the Fueling Area is used to support aircraft operations at the Base. Jet fuel is stored in two 200,000 gallon above ground storage tanks. Fuel is received in tanker trucks at the unloading stand located south and east of the storage tanks. Fuel required for aircraft fueling and other use is transferred into tanker trucks at the fill stand and transported to various points on the Base. The Fuel Storage Area has been in operation for over 20 years and handles approximately 7 million gallons of jet fuel annually.

Approximately 1600 gallons of jet fuel (JP-4) was spilled during transfer into a tanker truck at the fill stand on November 3, 1994. Personnel at the Fueling Area with knowledge of the spill were interviewed prior to preparation of a Work Plan to conduct a Site Assessment of the area affected by the spill. According to these personnel, an area of approximately 85 ft. by 35 ft. west of the fill stand was affected by the spill. (A buffer zone of 5 feet was added to this area for the Site Assessment). The spill was reported by Buckley ANG Base personnel to the National Response Center, the Colorado Department of Public Health and Environment (CDPHE), and the U.S. Environmental Protection Agency (EPA), Region VIII.

A Work Plan was prepared by HazWaste Technologies® (HWT) on August 30, 1995, detailing the activities to be followed in conducting the Site Assessment. The objective of the Site Assessment was to determine the horizontal and vertical extent of soil contamination at the Fueling Area. The Work Plan was submitted to the CDPHE.

HWT performed subsurface soil sampling at the site in accordance with the Work Plan on December 13 and 14, 1995. Twenty one (21) locations were sampled in the Fueling Area using a Geoprobe®. Samples were taken at four depth intervals at each location (0-2 feet, 4-6 feet, 9-11 feet, and 14-16 feet). Ambient Temperature Headspace Analysis (ATHA) was performed on site using a Photoionization Detector (PID). Based on ATHA, 29 samples were selected for laboratory analysis. Samples were analyzed for Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX), Total Volatile Petroleum Hydrocarbons (TVPH), and Volatile Organic Compounds.

Records from the Colorado State Engineer's Office show that groundwater in the area of the site lies at a depth of 40 to 60 feet. There are no wells within a radius of one half mile used for drinking water. Remedial Action Category III (RAC III) cleanup standards apply to this site. RAC III standards are described in the CDPHE document entitled "Storage Tank Facility Owner/Operator Guidance Documents." RAC III cleanup standards are 100 mg/kg for BTEX and 500 mg/kg for TVPH.

Findings

Results of laboratory analysis show BTEX concentrations to be below the RAC III standard of 100 mg/kg for all locations. However, concentrations exceeding the RAC III standard of 500 mg/kg TVPH were detected at six locations at depth intervals of 0 to 2 feet and 4 to 6 feet. TVPH concentrations exceeding RAC III standards ranged from 605 mg/kg to 1640 mg/kg.

Conclusions and Recommendations

The locations that exceed the RAC III standard encompass an irregularly shaped area measuring approximately 60 feet by 50 feet west of the fill stand with a total surface area of 1400 ft². Using a depth of 8 feet this results in a volume of 420 yd³ of contaminated soil.

There does not appear to be any immediate or grave threat to groundwater since the depth of contaminated soil does not appear to exceed eight (8) feet and the depth to groundwater at the site is approximately forty (40) feet. Consequently, groundwater monitoring wells were not installed and are not required at this time.

It is recommended that the contaminated soil be excavated and landfarmed in a suitable area at Buckley ANG Base or sent to off-site disposal. If buried utilities pose a problem to excavation, bio-remediation may be an alternative.

SECTION 1.0 INTRODUCTION

1.1 BACKGROUND

This report provides results of a Site Assessment performed at the Fuel Storage Area at Buckley ANG Base in Aurora, Colorado. Buckley ANG Base occupies 3,328 acres of land within the City of Aurora in Arapahoe County, Colorado. The Fuel Storage Area (also known as the Fueling Area) is located on the west side of the Base at the intersection of South Powderhorn Street and East Breckenridge Avenue. The Fueling Area consists of above ground storage tanks in a bermed area, pumps, piping, valves, an unloading stand and a fill stand. Jet fuel from the Fueling Area is used to support aircraft operations at the Base. Jet fuel is stored in two 200,000 gallon above ground storage tanks. Fuel is received in tanker trucks at the unloading stand located south and east of the storage tanks. Fuel required for aircraft fueling and other use is transferred into tanker trucks at the fill stand located north and east of the storage tanks and transported to various points on the Base. The Fuel Storage Area has been in operation for over 20 years and handles approximately 7 million gallons of jet fuel annually.

Approximately 1600 gallons of jet fuel (JP-4) was spilled during transfer into a tanker truck at the fill stand on November 3, 1994. Personnel at the Fueling Area with knowledge of the spill were interviewed prior to preparation of a Work Plan. According to these personnel, an area of approximately 85 feet by 35 feet west of the fill stand was affected by the spill. (A buffer zone of 5 feet was added to this area for the Site Assessment). The spill was reported by Buckley ANG Base personnel to the National Response Center, the Colorado Department of Public Health and Environment (CDPHE), and Environmental Protection Agency (EPA), Region VIII on November 4, 1994.

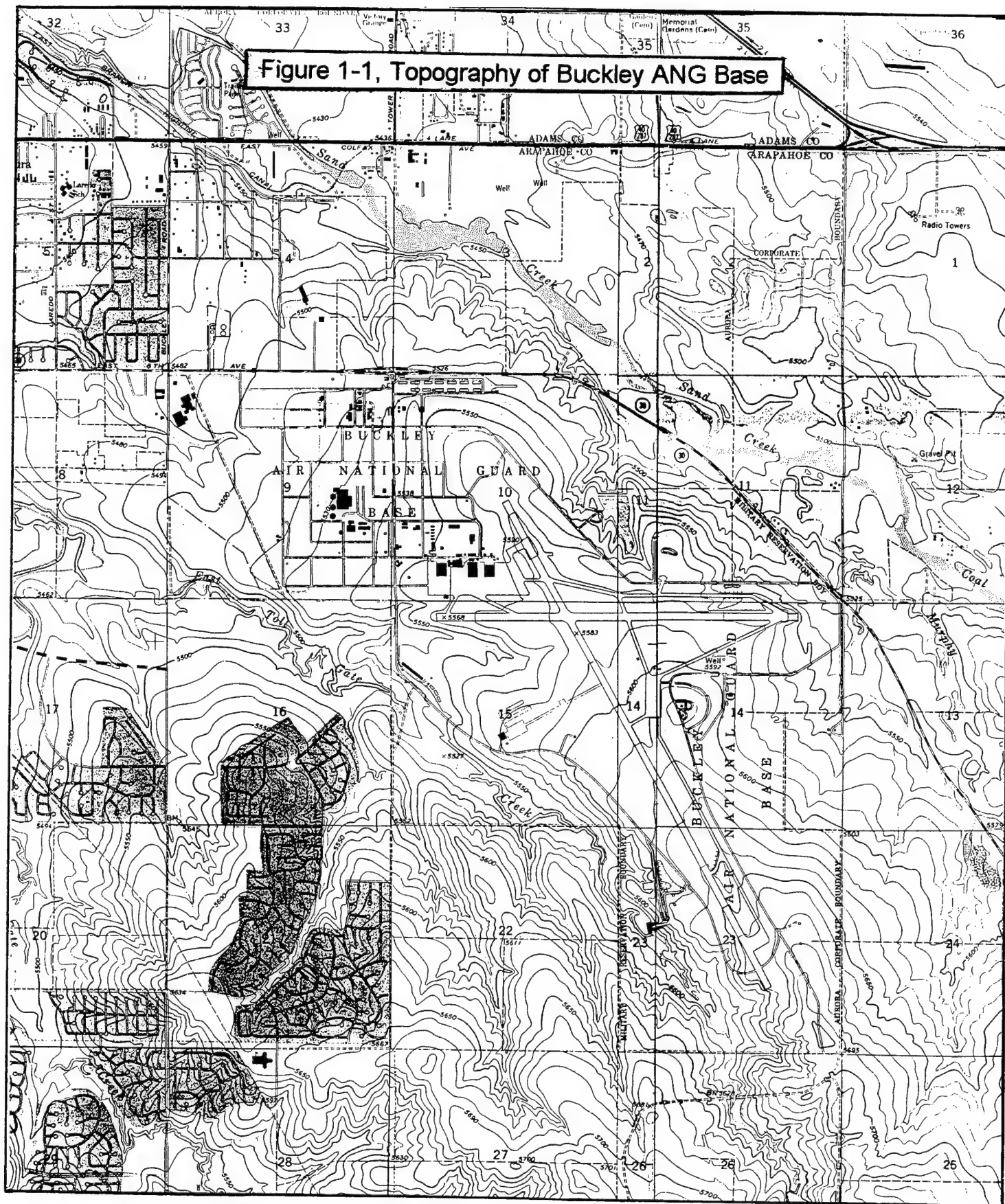
A Work Plan was prepared by HazWaste Technologies® (HWT) on August 30, 1995, detailing the activities to be followed in conducting the Site Assessment. The objective of the Site Assessment was to determine the horizontal and vertical extent of soil contamination at the Fueling Area. The Work Plan was submitted to the CDPHE.

HWT performed subsurface soil sampling at the site in accordance with the Work Plan on December 13 and 14, 1995. This report describes the investigated area environmental setting, site assessment activities, site assessment results, cleanup criteria and conclusions and recommendations.

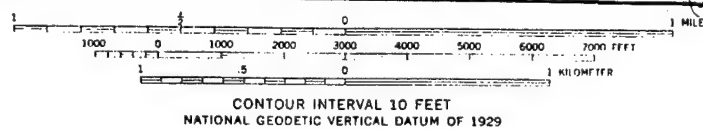
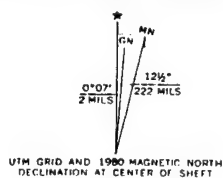
1.2 ENVIRONMENTAL SETTING

The location of Buckley ANG Base and topography of the area are shown in Figure 1-1.

Figure 1-1, Topography of Buckley ANG Base



USGS Topographic Map
Fitzsimons Quadrangle
and Coal Creek Quadrangle



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

1.2.1 Meteorology

Buckley ANG Base is located in the Denver Metropolitan Area. This area exhibits a semi-arid climate with infrequent temperature extremes. Normal temperatures range from the low teens in winter to the high nineties in summer. The area receives an average of 15.4 inches of precipitation per year. The highest rates of precipitation occur in the month of May which averages 2.4 inches of precipitation. This information was taken from local meteorological and climatological data compiled by NOAA in 1994.

1.2.2 Surface Hydrology

Surface water drainage for the Base is shown in Figure 1-2. Surface water drainage at the Fueling Area is to the northeast. This information was obtained from the document entitled "Buckley ANG Base Master Plan" prepared by Higginbotham and Associates, dated May 1988.

1.2.3 Soils

Soil types in the vicinity of the Base are shown in Figure 1-3. Soil types identified in this figure are described below:

Alluvial land-Nunn: Deep, nearly level, mainly loamy and sandy soils.

Fondis-Weld: Deep, nearly level, loamy soils, clayey subsoils.

Nunn-Bresser-Ascalon: Deep, nearly level, loamy soils, loamy to clayey subsoils.

Renohil-Buick-Little: Sloping to steep, loamy soils, loamy to clayey subsoils.

Truckton-Bresser: Deep rolling, loamy and sandy soils, loamy subsoils.

This information was taken from the United States Department of Agriculture (USDA) document entitled "Soil Survey of Arapahoe County, Colorado" dated March 1971.

Lithology of soils in the Fueling Area was recorded during sampling activities. Soil core logs were prepared for each sampling location and are included in Appendix D.

1.2.4 Geology and Hydrogeology

Depth to groundwater ranges from forty (40) to sixty (60) feet in the vicinity of the Fueling Area. Groundwater in the area generally flows to the northwest. A review of 1995 well permit information obtained by the Colorado State Engineer's Office showed that there are no wells being used for drinking water within a one half mile radius of the site. Buckley ANG Base and the surrounding area obtains drinking water from the City of Aurora.

Figure 1-2
Surface Drainage at Buckley ANG Base

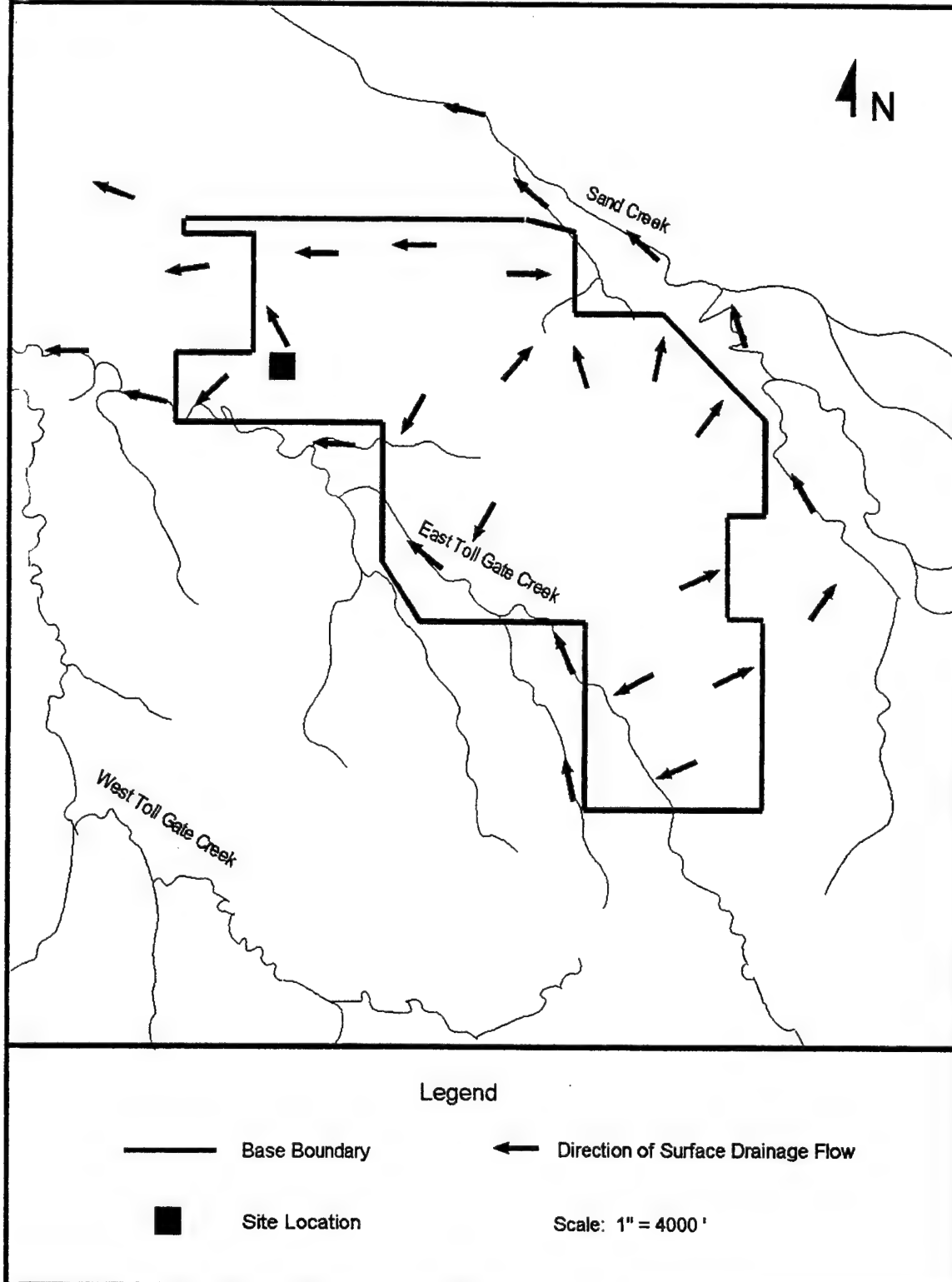
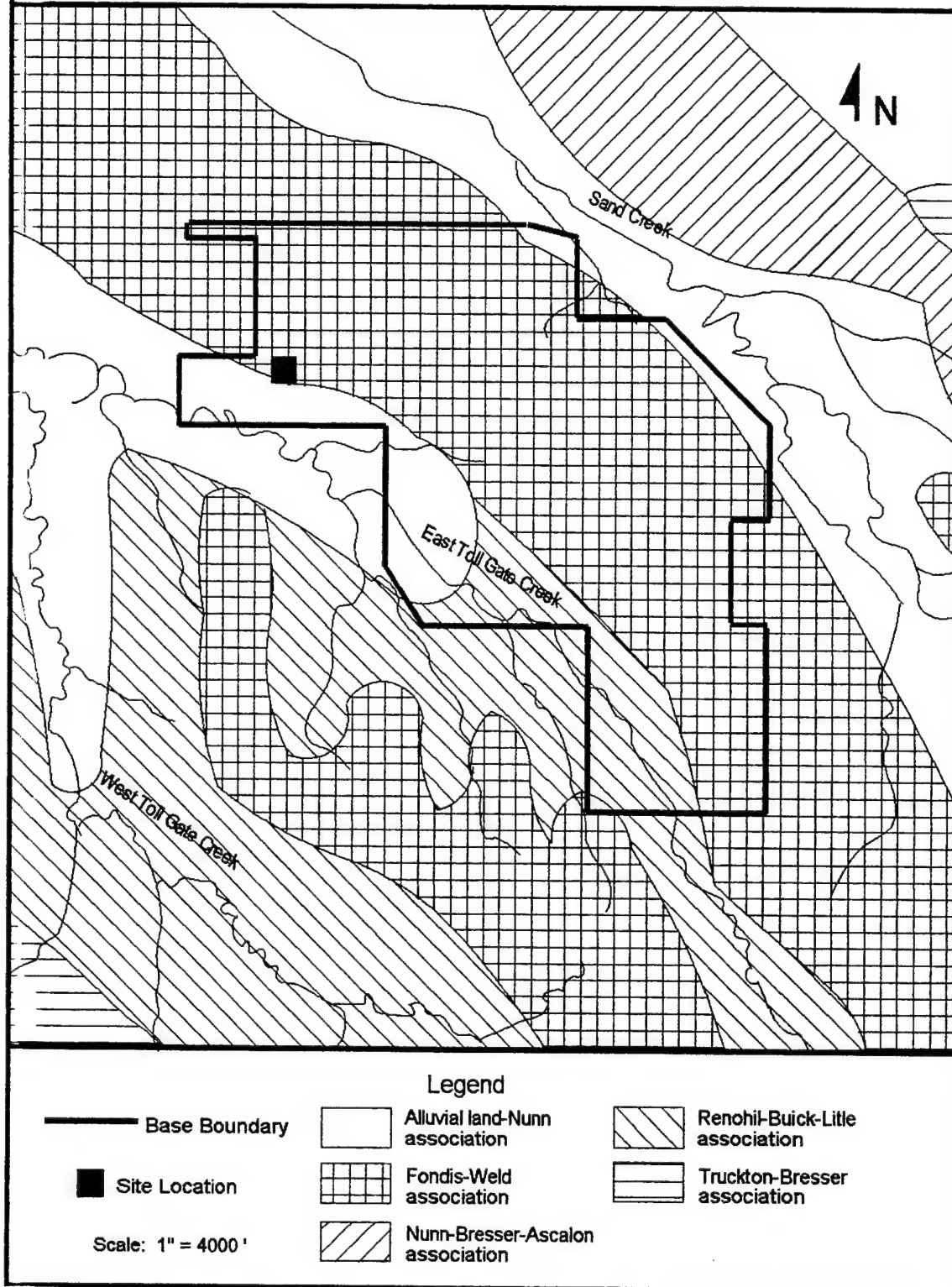


Figure 1-3
Soil Types at Buckley ANG Base



Buckley ANG Base is located in the Denver Basin. The Denver Basin lies on the Colorado Piedmont section of the great plains physiographic province. The geology of this area consists of sedimentary formations including sandstones, siltstones, claystones, shale, conglomerates and coals. This information was obtained from the documents entitled "Buckley ANG Base Master Plan" prepared by Higginbotham and Associates, dated May 1988 and "Work Plan for Former Warehouse Area Site Investigation" prepared by Stone & Webster, dated June 28, 1996. Geology of the area is shown in Figure 1-4. A generalized stratigraphic column describing geologic formations in the area is shown in Figure 1-5. Geology in the general area of Buckley ANG Base consists of silt and silty sand, underlain by sand, sandy gravel and shale. Sand and sandy gravel are found at a depth of about ten (10) feet. Shale is found at a depth of fifty (50) feet.

1.3 SITE DESCRIPTION

1.3.1 Location

Buckley ANG Base occupies 3,328 acres of land within the City of Aurora in Arapahoe County, Colorado. The Fuel Storage Area is located on the west side of the Base at the intersection of South Powderhorn Street and East Breckenridge Avenue as shown in Figure 1-6. Jet Fuel is stored in two above ground storage tanks of 200,000 gallon capacity. Fuel from the storage tanks is transferred to tanker trucks using the fill stand located north of the storage tanks. Fuel is received from tanker trucks and unloaded into the above ground storage tanks using the unloading stand located south of the storage tanks. Fuel is transferred through underground fuel lines. The spill occurred during filling operations at the fill stand shown in Figure 1-7. This figure also shows the estimated area of contamination that includes a five (5) foot buffer zone. The estimated area of contamination was determined from conversations with personnel at the Fueling Area who had knowledge of the fuel spill. The area immediately west of the fill stand slopes westward into a ditch. The ditch heads in a northerly direction and drains into a storm water drain north of the Fueling Area. There is a manual gate approximately twenty (20) feet from the north end of the fill stand located on the ditch that can be lowered to intercept rainwater or spilled fuel and thus prevent it from entering the storm water drain. There is an asphalt road along the fill stand on the east side.

1.3.2 ADJACENT PROPERTIES

The land west and south of Buckley ANG Base consists of residential housing developments with some light industrial areas.

Figure 1-4
Surface Geology at Buckley ANG Base

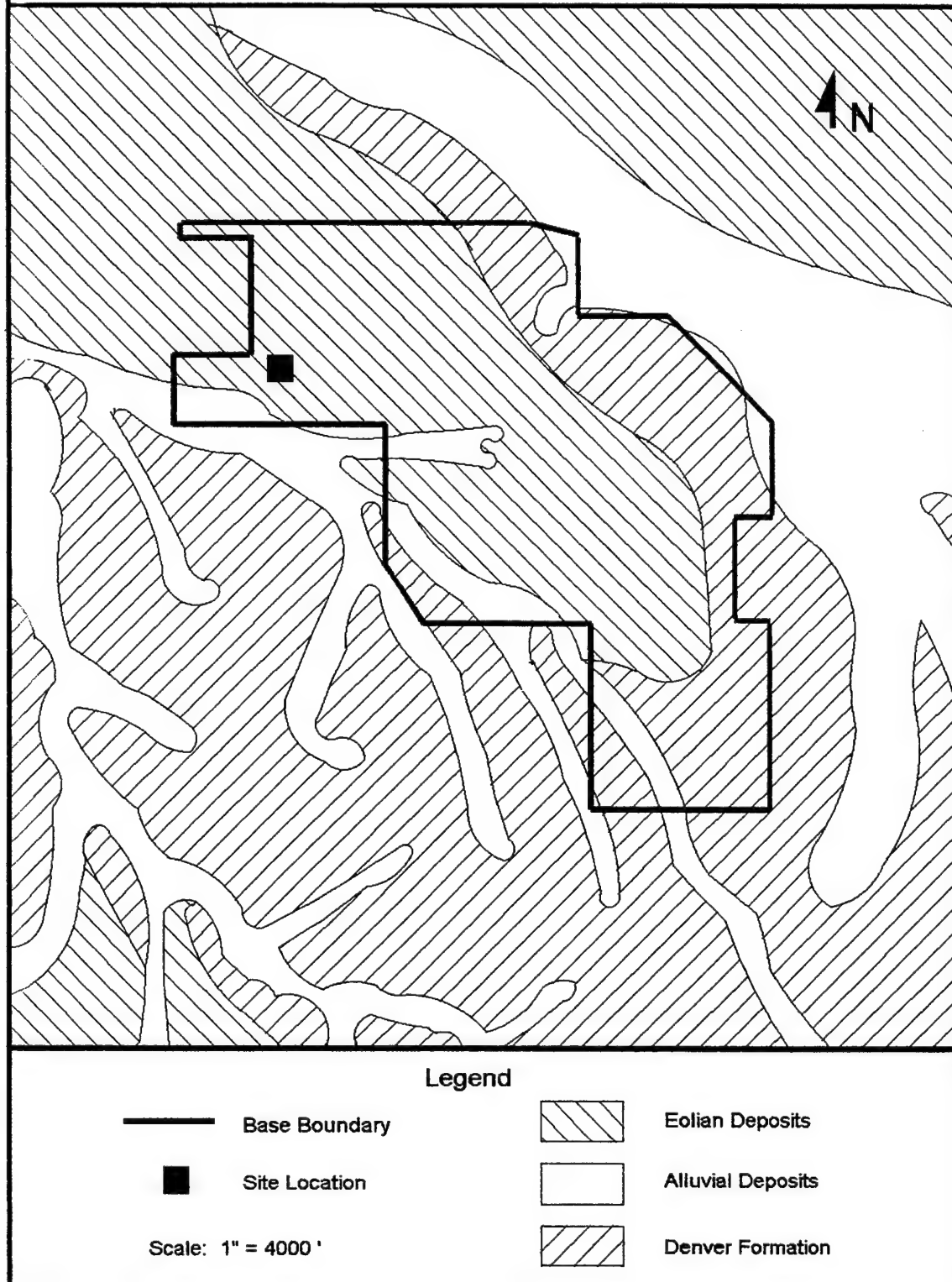
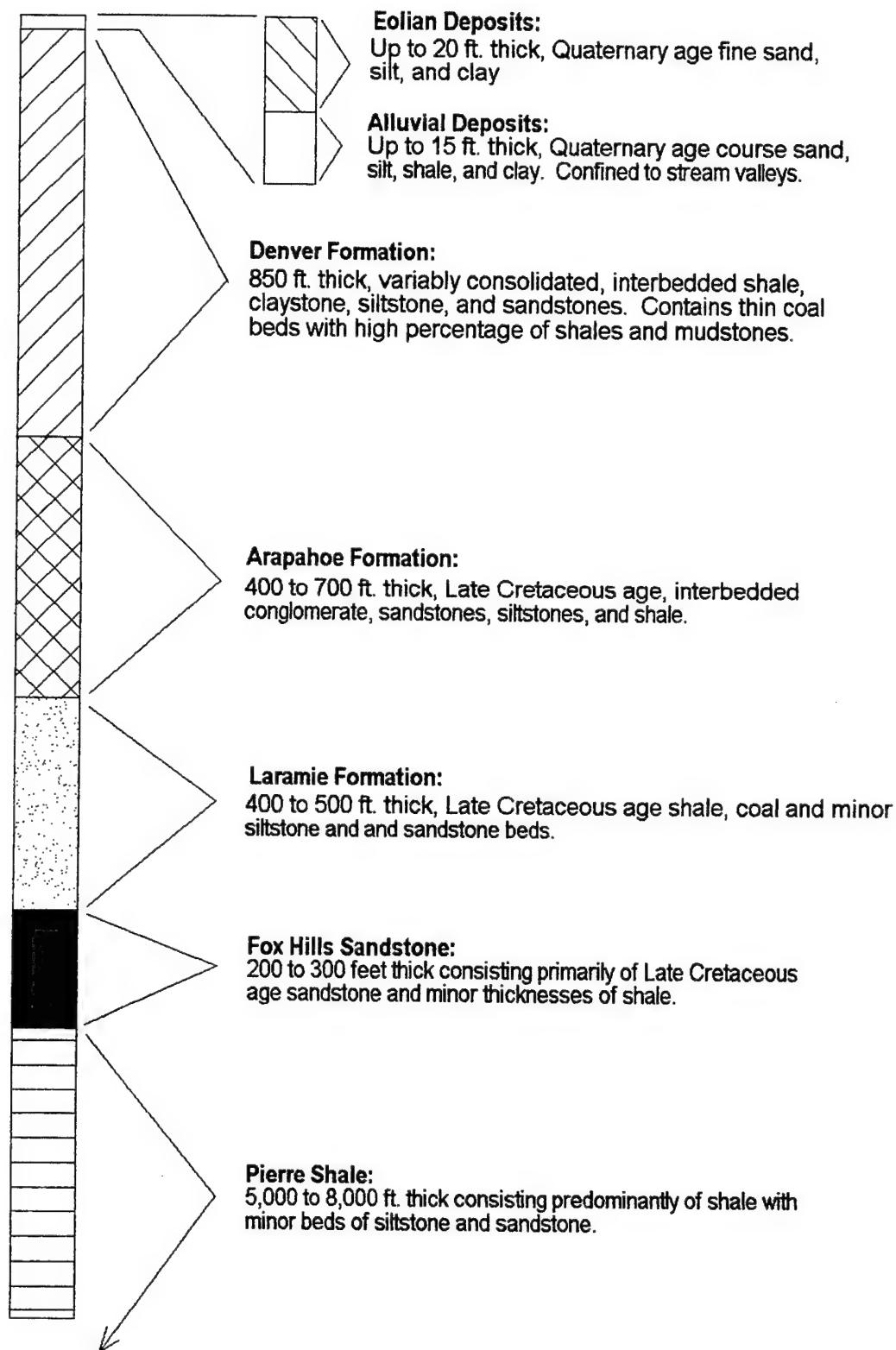
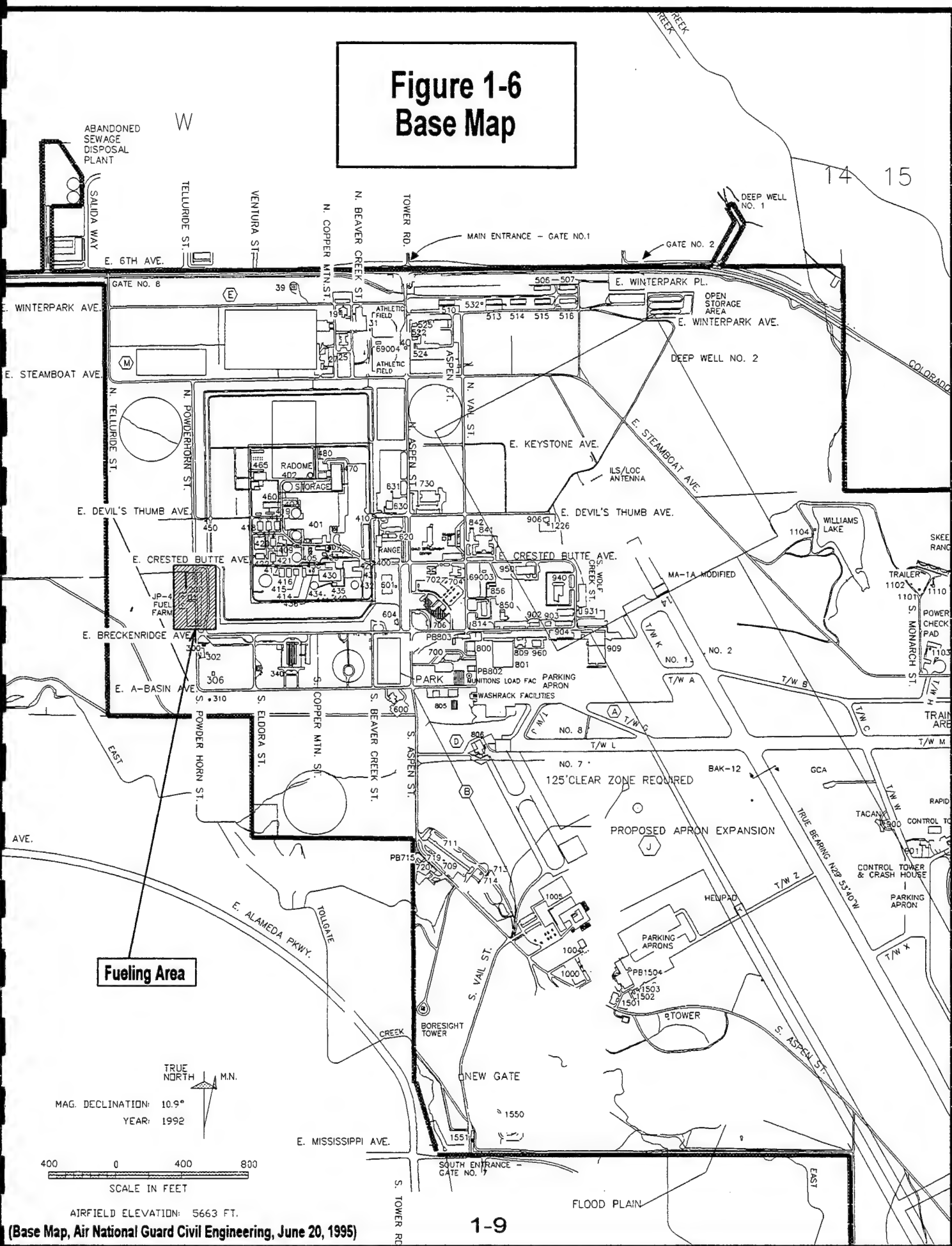


Figure 1-5
Generalized Stratigraphic Column
Buckley ANG Base



**Figure 1-6
Base Map**



**Figure 1-7
Site Plan**



Background Soil Core
Location

Initial Estimated Area
of Contamination

Asphalt Road

Fill Stand

Drainage Ditch

Pump
House

Fuel Storage Tanks

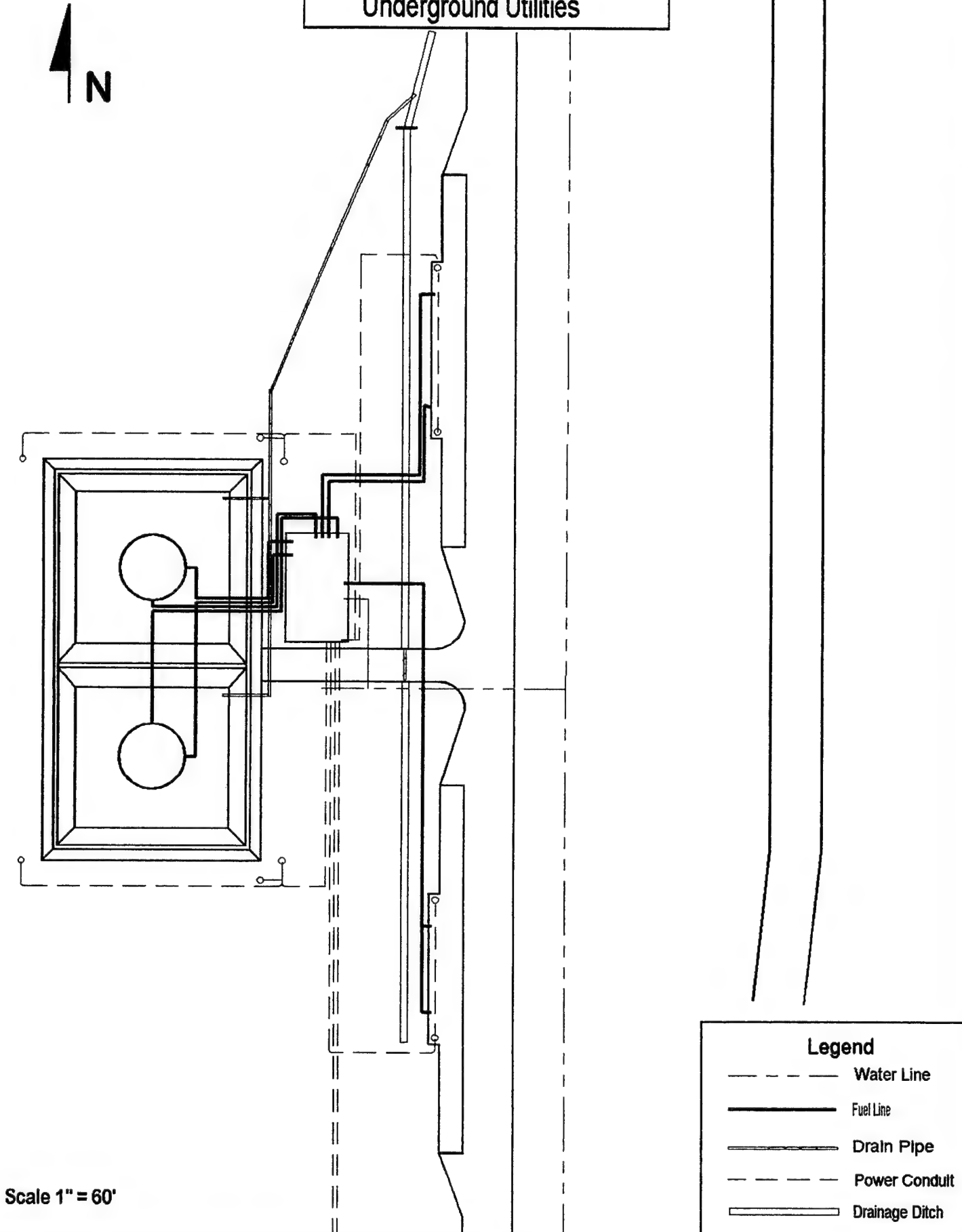
Unloading Stand

Scale 1" = 60'

1.3.3 UTILITY CORRIDORS

Underground utilities at the Fueling Area include stormwater drains, electrical conduit, fuel lines, cathodic protection lines, and water lines. Location of these utilities is shown in Figure 1-8.

Figure 1-8
Underground Utilities



Scale 1" = 60'

Legend

- Water Line
- Fuel Line
- Drain Pipe
- Power Conduit
- Drainage Ditch

SECTION 2.0 SITE ASSESSMENT ACTIVITIES

2.1 SUMMARY OF FIELD WORK

Twenty one (21) locations were sampled in the Fueling Area using a Geoprobe®. Sampling locations are shown in Figure 2-1. Soil samples were taken from four depth intervals at each location (0 to 2 feet, 4 to 6 feet, 9 to 11 feet, and 14 to 16 feet). An Ambient Temperature Headspace Analysis (ATHA) was used as a screening method to select samples to be sent for laboratory analysis. A total of twenty nine (29) samples were analyzed at the laboratory. No groundwater was encountered during sampling activities as the depth to groundwater in the area is approximately forty (40) feet. Consequently, piezometers and groundwater monitoring wells were not installed at the site. Investigation Derived Waste (IDW) was collected in a designated drum. A representative sample from this drum was sent for laboratory analysis.

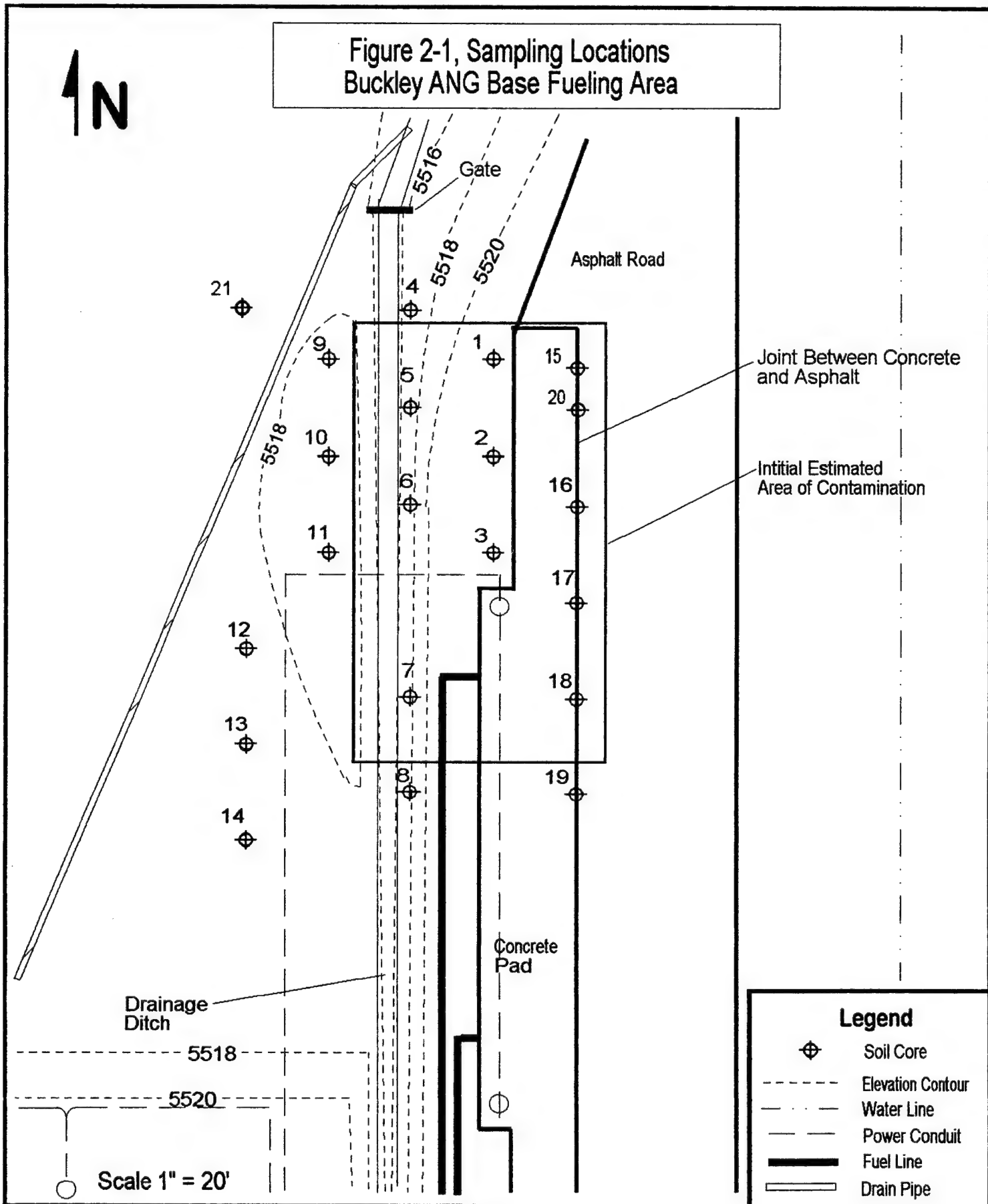
2.2 FIELD ACTIVITIES

2.2.1 Preparatory Activities

In preparation to performing field work in the Fueling Area, a digging permit showing proposed sampling locations on civil, electrical, piping/drainage and utility drawings was submitted to the Civil Engineering Office at Buckley ANG Base. The purpose of the digging permit was to ensure that no underground lines were damaged during soil core sampling. Proposed locations found to be situated too close to underground utilities were moved approximately five (5) feet from the originally designated location. The locations of the sampling points were then marked at the Fueling Area site using stakes with location ID numbers.

2.2.2 Soil Core Sampling and ATHA Methodology

Soil core samples were obtained at four (4) depth intervals at each sampling location using a Geoprobe®. Soil sampling probes consisted of four (4) foot lengths of 3/4" I.D. hollow steel pipe. A large-bore hollow tube sampler was attached to the end of the probes to collect the soil sample. A smaller diameter rod with a drive tip fits inside the tube sampler. The tube sampler consisted of a sample tube with an acetate sleeve inside. The probes were hydraulically pushed to the desired depth and the drive tip was loosened. The sample apparatus was then pushed two (2) feet into the soil causing the sleeve to become packed with soil. The depth intervals at which samples were collected were 0-2 feet, 4-6 feet, 9-11 feet and 14-16 feet. Twenty one (21) locations were sampled. All sampling equipment was carefully decontaminated prior to obtaining each sample. Decontamination consisted of washing with laboratory grade detergent and cleaning with a brush, rinsing with de-ionized water and



rinsing with laboratory grade methanol. Once the sample was collected at the desired depth, a six inch section of the acetate sleeve with the sample was carefully cut, sealed at both ends with laboratory grade Parafilm®, marked with sample ID and date and wrapped with aluminum foil with the shiny side out. The sample ID, Project Name and date were again marked on the foil before the sample was placed in a cooler packed with ice. Another six inch section was then cut from the remaining length of soil in the acetate sleeve for use in ATHA.

A PID was used for screening soil samples using an ATHA. The sample from the acetate sleeve was first transferred into a sealable plastic bag. The bag was sealed and placed in a location where the ambient temperature exceeded sixty (60) degrees F. After a fifteen (15) minute period, a headspace reading was obtained from the vapor space in the plastic bag using a Minirae® (Rae Systems Inc.) PID.

Four soil samples were collected from each location. In accordance with the Work Plan, two samples showing the highest PID readings from the ATHA were selected for laboratory analysis. However, only one sample was sent for analysis in locations where only one sample showed discernible readings during the ATHA. A total of twenty nine (29) samples were analyzed. Following completion of all soil coring activities, the site was restored as closely as possible to its pre-investigation condition. Excess soil core samples, soil from ATHA, PPE and rinsate water used for decontamination were placed in a drum designated for IDW. The disposal of IDW was not included in the scope of work. The Environmental Management Office at the Base will be responsible for disposal of this material. HazWaste Technologies® provided analytical data and a determination on whether the material is hazardous waste.

Soil core logs were prepared for each location using observations made during sampling. The logs are included in Appendix D. No groundwater was encountered during sampling activities. While the original information included in the work plan stated that groundwater depths were approximately fifteen (15) feet below the surface, data subsequently obtained from the State Engineer's Office showed groundwater depth to be greater than forty (40) feet below the surface. Since no groundwater was encountered, piezometers and monitoring wells were not installed.

2.2.3 Sample Handling and Analysis

All samples were marked with Sample ID No. and placed in a cooler packed with ice. Coolers were kept within visual contact of HWT employees during the time work was being performed on site. To maintain a record of sample collection, transfer between sample custodians, shipment and receipt by the laboratory, a chain-of-custody record was prepared for samples showing Sample ID No., date, Project ID, Sampler Name and signature and types of analysis required. Each

time the samples were transferred, the signatures of the person relinquishing and receiving the samples, as well as the date and time of transfer, were documented. Samples were hand delivered to the laboratory. Samples were transported to the home office each day and stored in a locked refrigerator until they were hand delivered by HWT personnel to the laboratory. Upon receipt at the laboratory, the receiver completed the transfer by dating and signing the chain-of-custody record. The chain-of-custody record is included in Appendix G. In accordance with the Work Plan, BTEX, TVPH (gasoline range organics), and Volatile Organic Analysis were conducted on all soil core samples. The number of samples collected and analyzed and the types of analysis performed is summarized in Table 2-1.

2.2.4 Background Soil Sample

A background sample was collected from a location north and east of the spill area (shown in Figure 1-8). This sample was taken at the 0-2 feet depth interval. Samples were not taken from other depth intervals at this location because only one sample was required to determine the degree of background contamination.

2.3 INVESTIGATION DERIVED WASTES

2.3.1 Sampling and Analysis

Excess soil core samples, soil from ATHA, PPE and rinsate water used for decontamination were placed in a drum designated for IDW. A representative sample from this drum was taken and sent for laboratory analysis. Results of analysis shows toluene at a concentration of 1.95 µg/kg and xylenes at a concentration of 2.4 µg/kg. Benzene and ethylbenzene were not found above the detection limit of 1 µg/kg. The drum of IDW was sealed and later moved to a designated storage area at the Base pending transport to disposal.

2.3.2 Disposal

The concentration of benzene in the drum of IDW is well below the RCRA limit of 500 µg/l for toxic hazardous waste. Consequently, the IDW is considered non hazardous waste and may be disposed of in an industrial landfill.

Table 2-1, Soil Sample Analyses

| Location No. | No. of Samples Collected | No. of Samples Monitored using PID | No. of Samples Analyzed at Lab. | Laboratory Analyses Performed (SW-846 Method) |
|--------------|--------------------------|------------------------------------|---------------------------------|---|
| 1 | 4 | 4 | 2 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 2 | 4 | 4 | 2 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 3 | 4 | 4 | 2 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 4 | 4 | 4 | 2 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 5 | 4 | 4 | 2 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 6 | 4 | 4 | 2 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 7 | 4 | 4 | 2 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 8 | 4 | 4 | 0 | N/A |
| 9 | 4 | 4 | 1 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 10 | 4 | 4 | 2 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 11 | 4 | 4 | 2 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 12 | 4 | 4 | 0 | N/A |
| 13 | 4 | 4 | 0 | N/A |
| 14 | 4 | 4 | 0 | N/A |
| 15 | 4 | 4 | 2 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 16 | 4 | 4 | 2 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 17 | 4 | 4 | 1 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 18 | 4 | 4 | 2 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 19 | 4 | 4 | 1 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 20 | 4 | 4 | 2 | TPH (8015 M), BTEX (8020), VOA (8240) |
| 21 | 4 | 4 | 0 | N/A |
| Background. | 1 | 1 | 1 | TPH (8015 M), BTEX (8020), VOA (8240) |

2.4 DEVIATION FROM WORK PLAN

Separate sampling locations for soil gas sampling and soil core sampling were originally proposed in the Work Plan. Because the area of contamination was well defined, it was decided to integrate the soil gas survey with the soil core sampling using the same locations. ATHA of soil core samples from each depth interval was performed for each sampling location. The form used to document this deviation from the work plan is included in Appendix B.

SECTION 3.0 SITE ASSESSMENT FINDINGS

3.1 SUMMARY

Results of soil screening and laboratory analysis of selected samples show that contamination of soil exists west of the fill stand and is caused by TPH that exceeds the RAC III cleanup standard of 500 mg/kg. The approximate area of contamination is 1400 ft².

3.2 BACKGROUND SAMPLING RESULTS

Analysis of the background sample shows total BTEX concentration to be 0.007 mg/kg and TPH concentration to be 0.78 mg/kg.

3.3 SOIL CORE SAMPLING RESULTS

3.3.1 Screening Results

Results of screening of soil samples using ATHA are shown in Table 3-1. Several PID readings were higher than 2000 ppm as shown in this table. Generally, PID readings were higher at the 0 to 2 feet and 4 to 6 feet depth intervals. The highest PID readings were observed for location numbers 2 through 7.

3.3.2 Analytical Results

Results of analysis of soil samples for each location and depth are shown in Table 3-2. Samples were analyzed at the laboratory for TPH using SW-846 Method 8015 Modified, BTEX using SW-846 Method 8020, and VOA using SW-846 Method 8240. The highest concentration of contaminants was found at location No. 6 at a depth interval of 0-2 feet (1640 mg/kg TPH and 65.05 mg/kg BTEX). The contamination is predominantly caused by volatile petroleum hydrocarbons that exceed the RAC III cleanup standard of 500 mg/kg TPH described in the CDPHE "Storage Tank Owner/Operator Guidance Documents" dated April 15, 1994. None of the locations showed total BTEX concentration to exceed 100 mg/kg, the applicable RAC III standard for BTEX. The area of contamination exceeding the RAC III standard for TVPH is shown graphically in Figure 3-1, with a five (5) foot buffer zone along the perimeter of the contamination. However, the total BTEX concentration at location No. 20 exceeds 5 mg/kg, the level that determines if contamination is present. This location was therefore included. As can be seen from this figure, contamination extends to an average depth of approximately six (6) feet with a maximum depth being approximately eight (8) feet. Based on the perimeter of the contamination shown in Figure 3-1, the area affected is approximately 1400 ft². A maximum

Table 3-1
Results of Soil Screening
Average PID Readings (ppm)

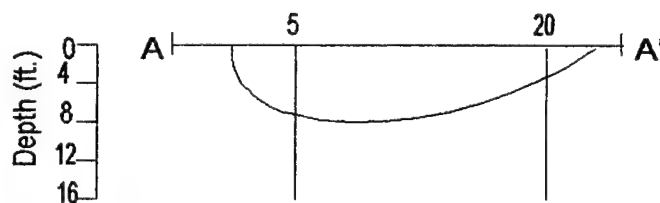
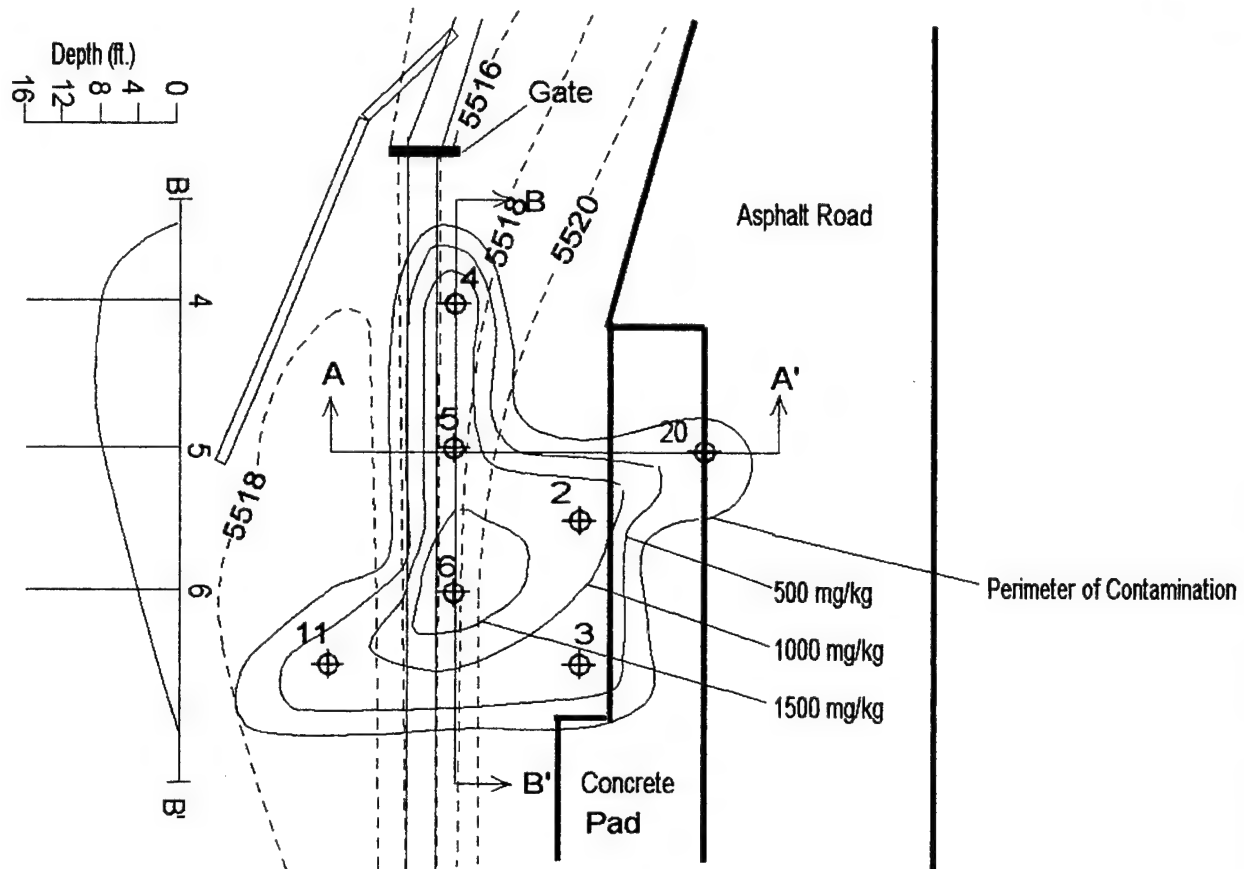
| Location No. | Depth Interval (ft.) | | | |
|-----------------|----------------------|-------|------|-------|
| | 0-2 | 4-6 | 9-11 | 14-16 |
| 1 | 400 | 5 | 1.5 | 4 |
| 2 | >2000 | 40 | 11 | 1 |
| 3 | >2000 | 40 | 7 | 5 |
| 4 | 1500 | >2000 | 35 | 50 |
| 5 | 350 | >2000 | 12 | 17 |
| 6 | >2000 | >2000 | 20 | 40 |
| 7 | >2000 | 60 | 12 | 12 |
| 8 | 0 | 0 | 1.5 | 0.2 |
| 9 | 2.5 | 0.5 | 1.0 | 1.2 |
| 10 | 6 | 5 | 2.5 | 27 |
| 11 | 28 | 45 | 10 | 7 |
| 12 | 0.7 | 1.7 | 3 | 0.9 |
| 13 | 0.5 | 0.5 | 0.8 | 0.8 |
| 14 | 0.5 | 0.4 | 0.5 | 0.2 |
| 15 | 145 | 1.2 | 1.7 | 1.4 |
| 16 | 860 | 3.5 | 1.0 | 1.1 |
| 17 | 100 | 0.6 | 0.5 | 0.7 |
| 18 | 160 | 5 | 6 | 0.5 |
| 19 | 450 | 0.5 | 0.6 | 0.2 |
| 20 | 150 | 1.4 | 0.6 | 0.5 |
| 21 | 0.3 | 0.3 | 0.3 | 0.5 |
| | | | | |

**Table 3-2
Results of Analysis**

| Location No. | End of Depth Interval (ft.) | TPH (mg/kg) | BTEX (mg/kg) | Benzene (mg/kg) |
|--------------|-----------------------------|-------------|--------------|-----------------|
| 1 | 2 | 3.1 | 0.2 | 0.029 |
| 1 | 6 | ND | ND | ND |
| 2 | 2 | 1140 | 63.5 | 2.190 |
| 2 | 6 | 0.28 | 0.02 | 0.001 |
| 3 | 2 | 985 | 18.6 | 0.613 |
| 3 | 6 | 0.2 | 0.02 | 0.001 |
| 4 | 2 | 1080 | 28.3 | 0.635 |
| 4 | 6 | 620 | 25.2 | 0.614 |
| 5 | 2 | 5.5 | 0.21 | ND |
| 5 | 6 | 1300 | 85.2 | 2.530 |
| 6 | 2 | 1640 | 65.05 | 1.660 |
| 6 | 6 | 0.15 | 0.03 | 0.007 |
| 7 | 2 | 0.44 | 0.03 | 0.002 |
| 7 | 6 | 0.39 | 0.03 | 0.004 |
| 9 | 2 | 0.26 | 0.04 | 0.002 |
| 10 | 2 | 0.12 | 0.01 | ND |
| 10 | 16 | ND | 0.003 | ND |
| 11 | 2 | 0.11 | 0.009 | ND |
| 11 | 6 | 605 | 18.1 | 0.885 |
| 15 | 2 | 0.17 | 0.01 | 0.002 |
| 15 | 11 | 0.11 | 0.004 | ND |
| 16 | 2 | 0.38 | 0.05 | 0.002 |
| 16 | 6 | 0.17 | 0.005 | ND |
| 17 | 2 | 1.26 | 0.07 | 0.003 |
| 18 | 2 | 1.26 | 0.06 | 0.003 |
| 18 | 11 | ND | ND | ND |
| 19 | 2 | 1.11 | 0.1 | 0.003 |
| 20 | 2 | 170 | 7.23 | 0.875 |
| 20 | 6 | 0.11 | ND | ND |
| Background | 2 | 0.78 | 0.007 | ND |
| RAC III Std. | | 500 | 100 | N/A |

ND: Not Detected

Figure 3-1, Extent of TPH Contamination
Buckley ANG Base Fueling Area

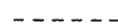


Scale 1" = 20'

Legend



Soil Core



Elevation Contour



Drain Pipe

depth of contamination of eight (8) feet results in a total volume of contaminated soil of approximately 420 yd³.

3.4 GEOLOGIC CONDITIONS

Geologic information for cross sections of the site (see Figure 3-1) is shown in Figure 3-2. Depths of contamination are also shown. Geological information was obtained from soil core logs taken during soil core sampling.

3.5 QUALITY ASSURANCE OF ANALYTICAL DATA

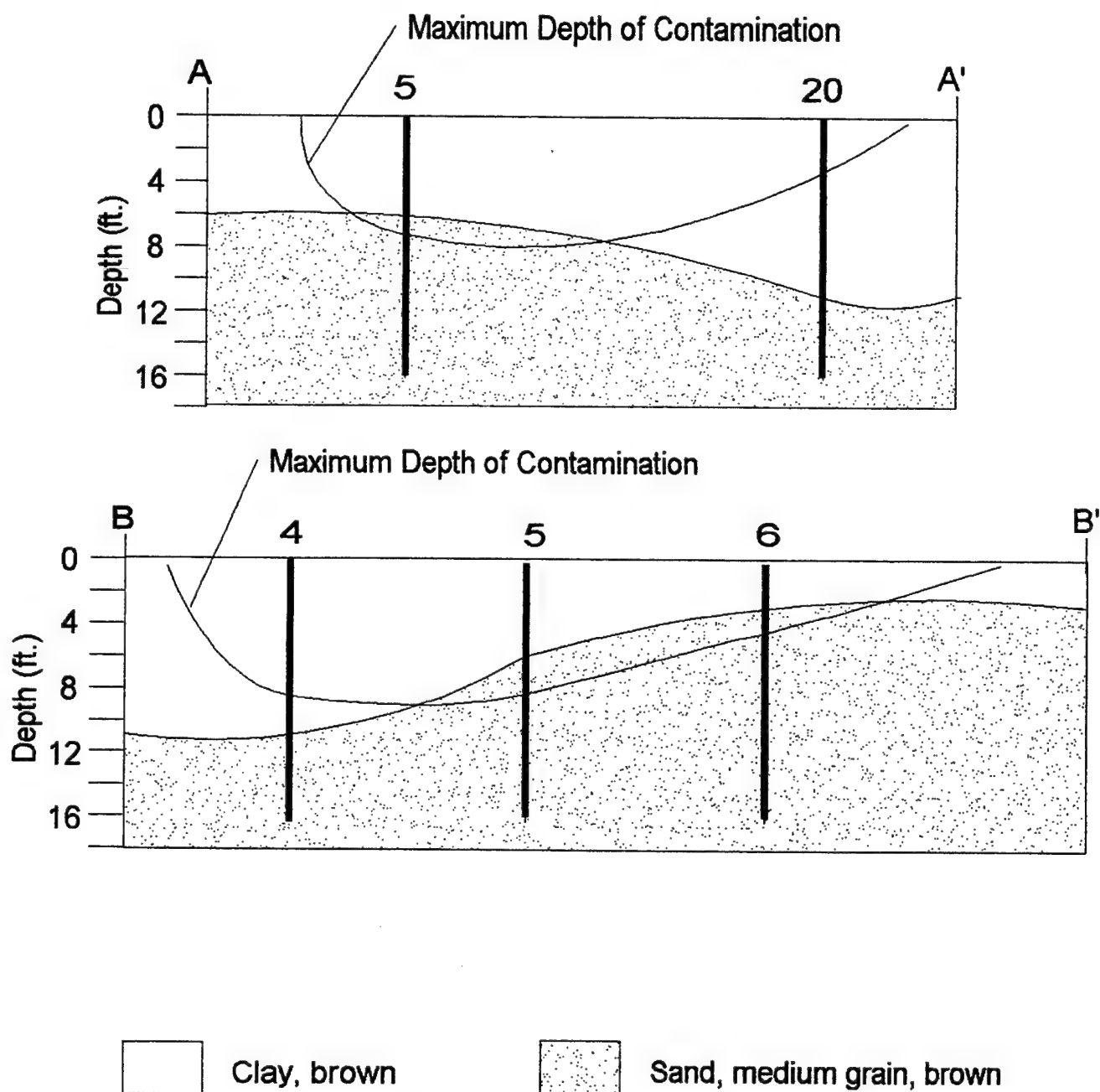
Three types of field Quality Control (QC) samples were sent for laboratory analysis. Namely, field blanks, equipment rinsate, and trip blanks. Two field blanks were taken of distilled water used for decontamination of sampling equipment. Three equipment rinsate samples were taken of distilled water that had been used for rinsing decontaminated sampling equipment to check the effectiveness of the decontamination process. Two trip blanks of distilled water accompanied soil core samples to the lab in the cooler.

Results of analysis of QC samples are shown in Appendix E. Results of analysis show traces of toluene and xylenes at the µg/l level for one of the field blanks. No other contaminants were detected for the field blanks. Results of analysis of the equipment rinsates show TPH concentrations of less than 0.25 mg/l. Since the range of interest for TPH and BTEX is >100 mg/kg, the concentrations of contaminants in the field blanks and equipment rinsates are well below levels that would be of concern.

Quality assurance (QA) was performed on all analytical data received from the laboratory. The laboratory report was checked to ensure that holding times were met, surrogate recoveries were within range, and reported results were within method detection limits. The results of the QC check are provided in Appendix E.

Five samples exceeded the holding time for VOA analysis. None of these samples exceeded the holding time by more than two days. Surrogate recoveries were outside the range of 70% to 130% for seven samples for various analyses. All samples with surrogate recoveries outside of this range were re-analyzed in accordance with laboratory QA/QC procedures. Surrogate recoveries were outside of this range due to matrix interference. All reported results met method detection limits.

Figure 3-2 Site Geologic Conditions



SECTION 4.0 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

4.1 STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Cleanup requirements for sites contaminated with spills from petroleum products in the State of Colorado are regulated by the CDPHE Hazardous Waste and Materials Management Division, Solid Waste Section. CDPHE Storage Tank Facility Owner/Operator Guidance Documents are required to be followed. These guidelines use three Remedial Action Categories (RAC's) depending on the nature of the contaminant and the use of groundwater that is in contact with contaminated soil. The RAC III cleanup requirement for soil at this site is 100 mg/kg BTEX and 500 mg/kg TPH.

In the event groundwater is contaminated with JP-4, groundwater cleanup standards found in Basic Standards for Groundwater, CDPHE Water Quality Control Commission, 3.11.0 (5-CCR-1002-8), are applicable.

4.2 DESCRIPTION OF REGULATED SUBSTANCE

4.2.1 Physical and Chemical Characteristics

Physical and chemical characteristics for JP-4 are found in the United States Coast Guard Chemical Hazardous Response Information System (CHRIS). A copy of the pages from CHRIS for JP-4 are provided in Appendix J. JP-4 contains very small amounts of benzene, ethylbenzene, toluene, and xylenes.

4.2.2 Toxicity

JP-4 is slightly toxic by ingestion. JP-4 may also cause irritation to the eyes, skin, and respiratory system.

4.2.3 Potential for Migration

Because JP-4 has a viscosity of less than water, it has a fairly high potential for migration in soil. JP-4 has a specific gravity of < 1 and will therefore float on groundwater.

4.2.4 Health Risks

Benzene is the constituent of JP-4 which poses the highest health risk. It is a known carcinogen and has been linked to various blood diseases. The concentration of benzene in JP-4 is appreciably lower than in gasoline.

4.3 SOIL

RAC III cleanup levels for soil are 100 mg/kg BTEX and 500 mg/kg TPH. Per the Storage Tank Facility Owner/Operator Guidance Documents, levels of 5 mg/kg total BTEX and 20 mg/kg TPH or background level, whichever is greater should be used in the assessment to determine the extent of contamination.

4.4 GROUNDWATER

Applicable State of Colorado groundwater standards are 5 µg/l for benzene, 1000 µg/l for toluene, 680 µg/l for ethylbenzene, and 10,000 µg/l for xylenes.

SECTION 5.0 CONCLUSIONS

The site assessment performed at the Fueling Area shows that:

1. Total BTEX concentrations are well below the RAC III cleanup standard of 100 mg/kg. However, the contaminated area exceeds the cleanup standard for TPH of 500 mg/kg.
2. Contamination is limited to a 1400 ft² area immediately west of the fill stand.
3. The maximum depth of contamination is eight (8) feet with an average depth of six (6) feet below the surface. Based on a maximum depth of eight (8) feet, a total volume 420 yd³ of soil is contaminated.
4. There does not appear to be any immediate, grave threat of groundwater contamination at this time. Consequently no groundwater monitoring appears necessary. This was confirmed with Peter Laux of CDPHE in a telephone conversation on December 21, 1995.

SECTION 6.0 RECOMMENDATIONS

The contamination may be cleaned up by excavating the soil in the contaminated area. Excavated soil may be landfarmed (aerated) at Buckley ANG Base in a suitable area or sent to off-site disposal. If buried utilities pose a problem to this method of cleanup, in-situ bio-remediation may be the alternative.

SECTION 7.0 REFERENCES

Colorado Department of Health, April 15, 1994. Storage Tank Owner/Operator Guidance Documents for Initial Site Characterization, Second-Level Site Assessment, Use of State Cleanup Guidelines, and Management of Contaminated Materials.

CDPHE Water Quality Control Commission. Basic Standards for Groundwater, 3.11.0 (5-CCR-1002-8).

Colorado Division of Water Resources, Office of the State Engineer, 1995. Colorado Wells, Applications, and Permits for the area surrounding the Buckley ANG Base Fueling Area, Aurora, Colorado.

HazWaste Technologies® Corporation, August 30, 1996. Work Plan for Fueling Area Site Assessment, Buckley ANG Base, Aurora, Colorado.

Higginbotham and Associates, P.C., May 1988. Buckley Air National Guard Base Master Plan Base Comprehensive Plan Narrative Report.

National Oceanic and Atmospheric Administration, 1994. Local Climatological Data - Normals, Means and Extremes, Denver, Colorado.

Stone & Webster Environmental Technology and Services, June 28, 1996. Work Plan Former Warehouse Area Site Investigation Buckley Air National Guard Base, Aurora, Colorado.

Telephone call record of December 21, 1995, Asvin Waran of HWT with Peter Laux of CDPHE.

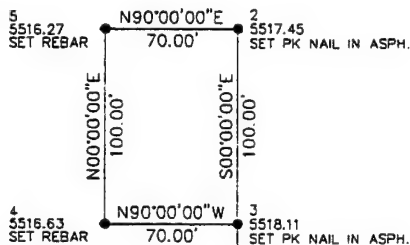
Telephone call record of January 29, 1996, Asvin Waran of HWT with Peter Laux of CDPHE.

United States Department of Agriculture, Soil Conservation Service, March 1971. Soil Survey of Arapahoe County, Colorado.

**APPENDIX A
SURVEY OF SITE**

EXHIBIT

SHOWING LOCATION OF REFERENCE POINTS
SET AT THE FUEL FACILITY ON BUCKLEY ANG
ARAPAHOE COUNTY, COLORADO



| PNT # | NORTHING | EASTING | ELEVATION | DESC. |
|-------|-----------|------------|-----------|--------|
| 1 | 685676.92 | 2202278.26 | 5523.29 | P-19 |
| 2 | 686315.00 | 2202275.00 | 5517.45 | NE COR |
| 3 | 686215.00 | 2202275.00 | 5518.11 | SE COR |
| 4 | 686215.00 | 2202205.00 | 5516.63 | SW COR |
| 5 | 686315.00 | 2202205.00 | 5516.27 | NW COR |

NOTES:

THE PURPOSE OF THIS EXHIBIT IS TO SHOW THE AREA WITH SET REBARS IN RELATION TO THE STATION MARKER (P-19).

THE COORDINATES FOR (P-19) WERE TAKEN FROM THE "HORIZONTAL & VERTICAL CONTROL" MAP BY ADVANCED SURVEYING, INC., PROJECT NO. CRWU902135 & CRWU902803, DATED 5/20/1993.

THIS EXHIBIT IS FOR SITE EVALUATION PURPOSES ONLY AND THE REBARS SET ARE CONTROL POINTS AND ARE NOT INTENDED TO DELINEATE A BOUNDARY OF LAND FOR RIGHTS OR USES.

YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS EXHIBIT WITHIN THREE YEARS AFTER DISCOVERING SUCH DEFECT. IN NO EVENT MAY ANY ACTION BE TAKEN AFTER TEN YEARS OF THE DATE OF CERTIFICATION HEREON.

SURVEYOR'S STATEMENT

I, JOHN B. GUYTON, A DULY REGISTERED LAND SURVEYOR, LICENSED IN THE STATE OF COLORADO, DO HEREBY STATE FOR AND ON BEHALF OF FLATIRONS SURVEYING, INC. TO HAZWASTE TECHNOLOGIES THAT CONTROL POINTS WERE SET AND AN EXHIBIT WAS PRODUCED UNDER MY RESPONSIBLE CHARGE ON MARCH 18, 1996; THAT SAID EXHIBIT AND THE ELEVATIONS SHOWN HEREON ARE ACCURATE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

JOHN B. GUYTON
COLORADO P.L.S. # 16406
PRESIDENT, FLATIRONS SURVEYING, INC.

3-18-96
DATE
FSI JOB NO. 96-28,217

S00°20'50"E
538.09

1
5523.29
P-19

N

SCALE: 1"=100'

FSI JOB NO. 96-28,217

Flatirons Surveying, Inc.
5717 ARAPAHOE RD., BOULDER, CO 80303
(303) 443-7001

APPENDIX B
DEVIATION FROM WORK PLAN FORM

Work Plan Deviation Form

Site Location: Buckley ANG Base, Aurora, CO

No. 001

Project: Fueling Area Site Assessment

Deviation in Work Plan Proposed by: HazWaste Technologies® Corporation

Proposed Deviation in Work Plan:

We propose to eliminate the soil gas survey since the area of contamination is

already well defined. We will use the savings to take core samples from additional

locations. We will select two soil cores from each locations for lab analysis based

on the two highest readings obtained from Ambient Temperature Headspace

Analysis performed with a field PID.

Reason for Deviation:

Area of contamination is well defined making the soil gas survey unnecessary.

This change will also make the methodology consistent with the one for the F-16

Crash Site SA, which will be performed in the next few weeks.

HWT Project Manager

Signature

Avi Wara

Date December 12, 1995

ANGRC Project Manager

Signature

Date

APPENDIX C
SCREENING RESULTS

**Results of Soil Screening
Average PID Readings (ppm)**

| Location No. | Depth Interval (ft.) | | | |
|-----------------|----------------------|-------|------|-------|
| | 0-2 | 4-6 | 9-11 | 14-16 |
| 1 | 400 | 5 | 1.5 | 4 |
| 2 | >2000 | 40 | 11 | 1 |
| 3 | >2000 | 40 | 7 | 5 |
| 4 | 1500 | >2000 | 35 | 50 |
| 5 | 350 | >2000 | 12 | 17 |
| 6 | >2000 | >2000 | 20 | 40 |
| 7 | >2000 | 60 | 12 | 12 |
| 8 | 0 | 0 | 1.5 | 0.2 |
| 9 | 2.5 | 0.5 | 1.0 | 1.2 |
| 10 | 6 | 5 | 2.5 | 27 |
| 11 | 28 | 45 | 10 | 7 |
| 12 | 0.7 | 1.7 | 3 | 0.9 |
| 13 | 0.5 | 0.5 | 0.8 | 0.8 |
| 14 | 0.5 | 0.4 | 0.5 | 0.2 |
| 15 | 145 | 1.2 | 1.7 | 1.4 |
| 16 | 860 | 3.5 | 1.0 | 1.1 |
| 17 | 100 | 0.6 | 0.5 | 0.7 |
| 18 | 160 | 5 | 6 | 0.5 |
| 19 | 450 | 0.5 | 0.6 | 0.2 |
| 20 | 150 | 1.4 | 0.6 | 0.5 |
| 21 | 0.3 | 0.3 | 0.3 | 0.5 |
| | | | | |

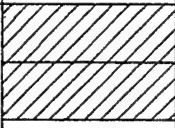
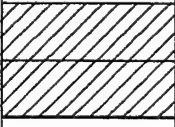
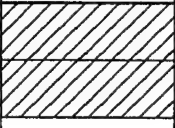
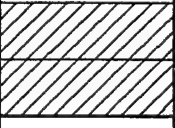
APPENDIX D
SOIL CORE LOGS

Log of Boring No. 1

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical


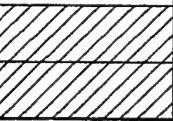
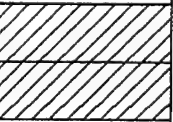
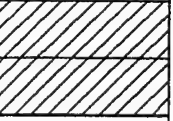
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|-------------------------------------|
| 0 | | | Land Surface Elevation |
| | 400 |  | Clay, Dark Brown, Dry |
| 5 | 5 |  | Clay, Dark Brown, Dry, Little Shale |
| 10 | 1.5 |  | Sand, Brown, Medium Grain, Dry |
| 15 | 4 |  | Sand, Brown, Medium Grain, Dry |
| 20 | | | |

Log of Boring No. 2

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

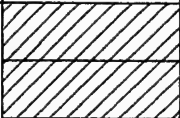
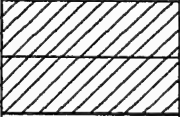
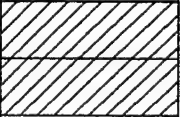
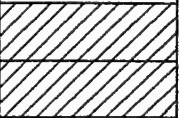
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|--------------------------------------|
| 0 | | | Land Surface Elevation |
| 0 | >2000 |  | Clay, Dark Brown, Gray Discoloration |
| 5 | 40 |  | Clay, Dark Brown, Dry, Some Sand |
| 10 | 11 |  | Sand, Brown, Medium Grain, Dry |
| 15 | 1 |  | Sand, Brown, Medium Grain, Dry |
| 20 | | | |

Log of Boring No. 3

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

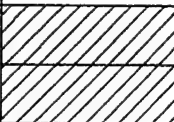
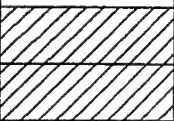
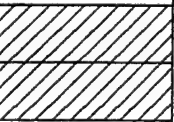
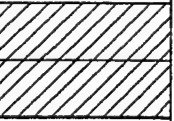
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|---|
| 0 | | | Land Surface Elevation |
| | >2000 |  | Clay, Dark Brown, Some Moisture, Petroleum Odor |
| 5 | 40 |  | Clay, Dark Brown, Dry |
| 10 | 7 |  | Sand, Brown, Medium Grain, Dry |
| 15 | 5 |  | Sand, Brown, Medium Grain, Dry |
| 20 | | | |

Log of Boring No. 4

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical


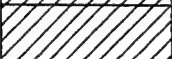






| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|---|
| 0 | | | Land Surface Elevation |
| 1 | 1500 |  | Clay, Dark Brown, Some Moisture, Some Sand, Rocks Top 6 in. |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | >2000 |  | Clay, Dark Brown, Some Moisture, Some Sand, Strong Petroleum Odor |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | 35 |  | Clay, Brown, Dry, Some Sand |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | 50 |  | Sand, Brown, Medium Grain, Dry |
| 16 | | | |
| 17 | | | |
| 18 | | | |
| 19 | | | |
| 20 | | | |

Log of Boring No. 5

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

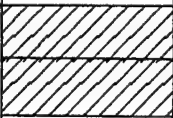



| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|--|
| 0 | | | Land Surface Elevation |
| | 350 |  | Clay, Dark Brown, Some Moisture, Rocks Top 6 in. |
| | |  | |
| | | | |
| | | | |
| 5 | >2000 |  | Clay, Dark Brown, Some Moisture, Some Sand, Petroleum Odor |
| | |  | |
| | | | |
| | | | |
| | | | |
| 10 | 12 |  | Sand, Brown, Medium Grain, Dry |
| | |  | |
| | | | |
| | | | |
| | | | |
| 15 | 17 |  | Sand, Brown, Medium Grain, Dry |
| | |  | |
| | | | |
| | | | |
| | | | |
| 20 | | | |

Log of Boring No. 6

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

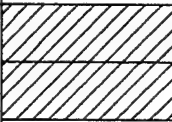
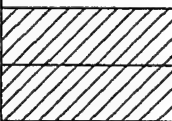
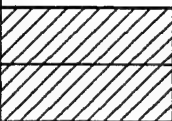
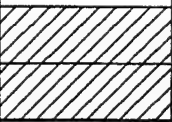
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|--|
| 0 | | | Land Surface Elevation |
| | >2000 |  | Clay. Dark Brown. Some Moisture. Rocks Top 6 in.. Petroleum Odor |
| 5 | >2000 |  | Sand, Brown, Medium Grain, Dry, Petroleum Odor |
| 10 | 20 |  | Sand, Brown, Medium Grain, Dry |
| 15 | 40 |  | Sand, Brown, Medium Grain, Dry |
| 20 | | | |

Log of Boring No. 7

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

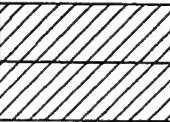
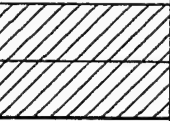
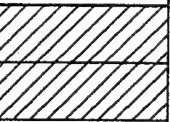
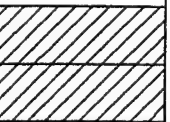
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|--|
| 0 | | | Land Surface Elevation |
| | >2000 |  | Clay, Dark Brown, Some Moisture, Rocks Top 6 in. |
| 5 | 60 |  | Sand, Brown, Medium Grain, Dry |
| 10 | 12 |  | Sand, Brown, Medium Grain, Dry |
| 15 | 12 |  | Sand, Brown, Medium Grain, Dry |
| 20 | | | |

Log of Boring No. 8

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

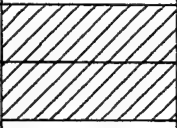
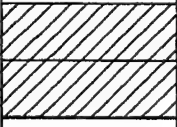
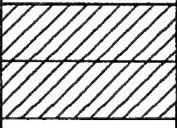
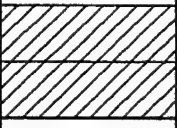
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|--|
| 0 | | | Land Surface Elevation |
| 0 | 0 |  | Clay, Dark Brown, Some Moisture, Rocks Top 6 in. |
| 5 | 0 |  | Clay, Brown, Dry |
| 10 | 1.5 |  | Sand, Brown, Medium Grain, Dry, Some Clay |
| 15 | 0.2 |  | Sand, Brown, Medium Grain, Dry |
| 20 | | | |

Log of Boring No. 9

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

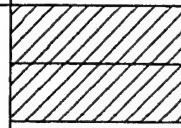
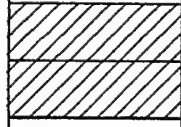
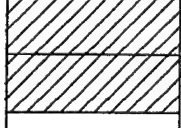
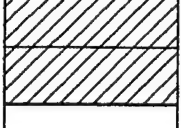
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|--------------------------------|
| 0 | | | Land Surface Elevation |
| | 2.5 |  | Sand, Brown, Fine Grain, Dry |
| 5 | 0.5 |  | Sand, Brown, Fine Grain, Dry |
| 10 | 1.0 |  | Sand, Brown, Medium Grain, Dry |
| 15 | 1.2 |  | Sand, Brown, Medium Grain, Dry |
| 20 | | | |

Log of Boring No. 10

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

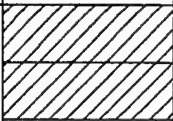

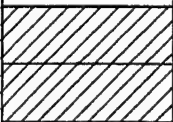

| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|--------------------------------|
| 0 | | | Land Surface Elevation |
| 0 | 6 |  | Sand, Brown, Fine Grain, Dry |
| 5 | 5 |  | Sand, Brown, Fine Grain, Dry |
| 10 | 2.5 |  | Sand, Brown, Medium Grain, Dry |
| 15 | 27 |  | Sand, Brown, Medium Grain, Dry |
| 20 | | | |

Log of Boring No. 11

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/13/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

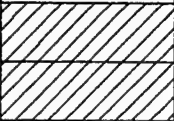
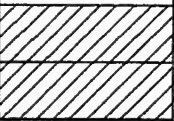
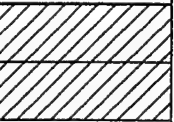
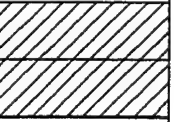
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|----------------------------------|
| 0 | | | Land Surface Elevation |
| | 28 |  | Clay, Brown, Dry, Traces of Sand |
| 5 | 45 |  | Clay, Brown, Dry |
| 10 | 10 |  | Clay, Brown, Dry, Traces of Sand |
| 15 | 7 |  | Clay, Brown, Dry |
| 20 | | | |

Log of Boring No. 12

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

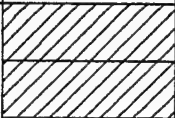
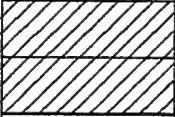


| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|---|
| 0 | | | Land Surface Elevation |
| 0.7 | 0.7 |  | Silt, Brown, Dry, Traces of Clay |
| 1.7 | 1.7 |  | Silt, Brown, Dry, Traces of Clay |
| 3 | 3 |  | Silt, Brown, Dry, Traces of Clay |
| 0.7 | 0.7 |  | Sand, Brown, Medium Grain, Dry, Some Silt |

Log of Boring No. 13

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

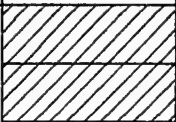
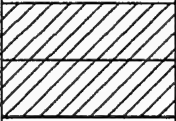

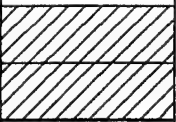
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|------------------------------------|
| 0 | | | Land Surface Elevation |
| 0.5 | |  | Clay, Brown, Dry, Some Silt |
| 5 | 0.5 |  | Sand, Brown, Fine Grain, Some Silt |
| 10 | 0.8 |  | Silt, Brown, Dry, Some Sand |
| 15 | 0.8 |  | Clay, Brown, Dry, Some Sand |
| 20 | | | |

Log of Boring No. 14

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical



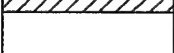
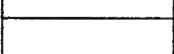
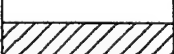
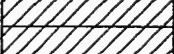
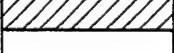

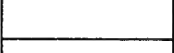
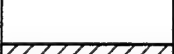
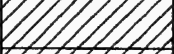





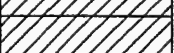
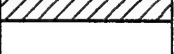

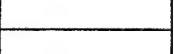
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|----------------------------------|
| 0 | | | Land Surface Elevation |
| 0.5 | 0.5 |  | Clay, Brown, Dry, Some Silt |
| 5 | 0.4 |  | Clay, Brown, Dry, Traces of Silt |
| 10 | 0.5 |  | Clay, Brown, Dry, Some Silt |
| 15 | 0.2 |  | Clay, Brown, Dry, Some Silt |
| 20 | | | |

Log of Boring No. 15

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

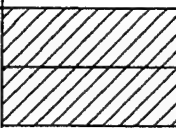
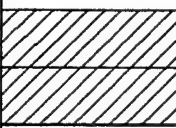
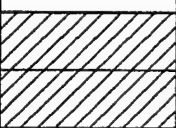
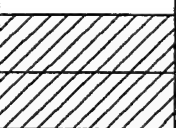
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|------------------------------------|
| 0 | | | Land Surface Elevation |
| 1 | 145 |  | Clay, Dark Brown, Dry, Some Gravel |
| 2 | |  | |
| 3 | |  | |
| 4 | |  | |
| 5 | 1.2 |  | Clay, Dark Brown, Dry |
| 6 | |  | |
| 7 | |  | |
| 8 | |  | |
| 9 | |  | |
| 10 | 1.7 |  | Sand, Brown, Medium Grain, Dry |
| 11 | |  | |
| 12 | |  | |
| 13 | |  | |
| 14 | |  | |
| 15 | 1.4 |  | Sand, Brown, Medium Grain, Dry |
| 16 | |  | |
| 17 | |  | |
| 18 | |  | |
| 19 | |  | |
| 20 | |  | |

Log of Boring No. 16

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

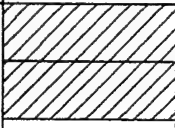
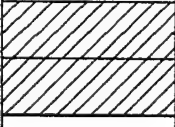
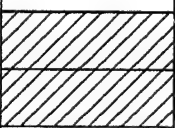
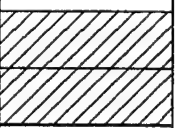
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|---------------------------------------|
| 0 | | | Land Surface Elevation |
| 0 | 860 |  | Clay, Dark Brown, Dry, Traces of Silt |
| 5 | 3.5 |  | Clay, Dark Brown, Dry |
| 10 | 1.0 |  | Clay, Brown, Dry, Some Sand |
| 15 | 1.1 |  | Sand, Brown, Medium Grain, Dry |
| 20 | | | |

Log of Boring No. 17

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical


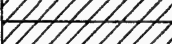

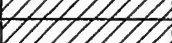

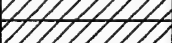


| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|---|
| 0 | | | Land Surface Elevation |
| 0 | 100 |  | Gravel, Dark Brown, Dry, Traces of Clay |
| 5 | 0.6 |  | Clay, Dark Brown, Dry, Some Sand |
| 10 | 0.5 |  | Sand, Brown, Medium Grain, Dry |
| 15 | 0.7 |  | Sand, Brown, Medium Grain, Dry |
| 20 | | | |

Log of Boring No. 18

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Incination: Vertical

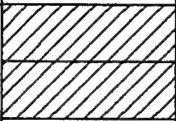
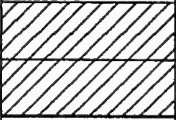
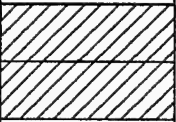
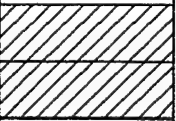
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------------|---|---------------------------------------|
| 0 | | | Land Surface Elevation |
| 1 | 160 |  | Clay, Dark Brown, Dry, Some Gravel |
| 2 | |  | |
| 3 | | | |
| 4 | | | |
| 5 | 5 |  | Clay, Dark Brown, Dry, Traces of Silt |
| 6 | |  | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | 6 |  | Sand, Brown, Medium Grain, Dry |
| 11 | |  | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | 0.5 |  | Sand, Brown, Medium Grain, Dry |
| 16 | |  | |
| 17 | | | |
| 18 | | | |
| 19 | | | |
| 20 | | | |

Log of Boring No. 19

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|---|
| 0 | | | Land Surface Elevation |
| — | 450 |  | Gravel, Dark Brown, Dry, Traces of Clay |
| — | | | |
| — | | | |
| — | | | |
| 5 | 0.5 |  | Clay, Dark Brown, Dry, Traces of Silt |
| — | | | |
| — | | | |
| — | | | |
| — | | | |
| 10 | 0.6 |  | Sand, Brown, Medium Grain, Dry |
| — | | | |
| — | | | |
| — | | | |
| — | | | |
| 15 | 0.2 |  | Sand, Brown, Medium Grain, Dry |
| — | | | |
| — | | | |
| — | | | |
| — | | | |
| 20 | | | |

Log of Boring No. 20

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

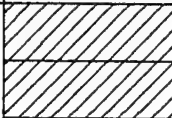
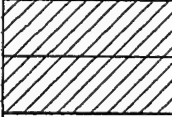
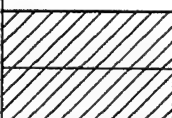
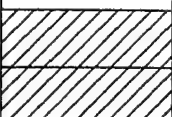
| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---------|------------------------------------|
| 0 | | | Land Surface Elevation |
| 150 | | | Clay, Dark Brown, Dry, Some Gravel |
| 1.4 | | | Clay, Dark Brown, Dry |
| 0.6 | | | Clay, Brown, Dry, Some Sand |
| 0.5 | | | Sand, Brown, Medium Grain, Dry |
| 20 | | | |

Log of Boring No. 21

Buckley ANG Base
Aurora, Colorado
Project: Fueling Area Site Assessment

Date Drilled: 12/14/95
Logged By: Eric Marler
Drilling Co.: GEO Environmental

Drilling Method: Geoprobe
Sampling Method: Closed Piston Sampler
Inclination: Vertical

| Depth (ft.) | PID Readings (ppm) | Samples | Description |
|-------------|--------------------|---|---|
| 0 | | | Land Surface Elevation |
| 0.3 | 0.3 |  | Silt, Brown, Dry |
| 5 | 0.3 |  | Silt, Brown, Dry |
| 10 | 0.3 |  | Silt, Brown, Dry, Traces of Sand |
| 15 | 0.5 |  | Sand, Brown, Medium Grain, Dry, Some Silt |
| 20 | | | |

APPENDIX E
ANALYTICAL DATA AND QA EVALUATION RESULTS

Analysis of QC Samples

Three types of field QC samples were sent for laboratory analysis. Namely, field blanks, equipment rinsates, and trip blanks. Field blanks were samples of distilled water used for decontamination of sampling equipment. Equipment rinsates consisted of distilled water that had been used for rinsing decontaminated sampling equipment to check the effectiveness of the decontamination process. Trip blanks consisted of distilled water samples that accompanied soil core samples to the lab in the cooler.

Results of analysis of all blanks are shown in the table below:

| Sample Type | Sample No. | Date | TPH | Benzene | Toluene | Ethylbenzene | Xylenes |
|----------------|------------|----------|------|---------|---------|--------------|---------|
| Field Blank | 9511213-01 | 12/13/95 | ND | ND | 0.002 | ND | 0.005 |
| Equip. Rinsate | 9511213-02 | 12/13/95 | 0.24 | ND | 0.002 | 0.002 | 0.008 |
| Equip. Rinsate | 9511214-01 | 12/14/95 | 0.21 | ND | ND | ND | 2.28 |
| Field Blank | 9511214-02 | 12/14/95 | ND | ND | ND | ND | ND |
| Equip. Rinsate | 9511214-03 | 12/14/95 | ND | ND | ND | ND | ND |
| Trip Blank | Trip Blank | 12/13/95 | ND | ND | ND | ND | ND |
| Trip Blank | Trip Blank | 12/14/95 | ND | ND | ND | ND | ND |
| | | | | | | | |

ND: Not Detected

Results of analysis show only traces of toluene and xylenes at the $\mu\text{g/l}$ level for the field blank taken on 12/13/95. No contaminants were detected for the field blank sample taken on 12/14/95. Results of analysis of equipment rinsates show TPH concentrations of less than 0.25 mg/l. Since the range of interest for TPH and BTEX is >100 mg/kg, the concentrations of contaminants in the field blanks and equipment rinsates are well below levels that would be of concern.

No contaminants were detected in the trip blanks.

QA Check of Laboratory Data

| Sample ID | Were Holding Times Met ? | Are Surrogate Recoveries Between 70% and 130% ? | Were Method Detection Limits Met ? |
|------------|--------------------------|---|------------------------------------|
| F1-0 | yes | yes | yes |
| F1-4 | yes | yes | yes |
| F2-0 | no | no | yes |
| F2-4 | yes | yes | yes |
| F3-0 | yes | no | yes |
| F3-4 | yes | yes | yes |
| F4-0 | no | no | yes |
| F4-4 | no | no | yes |
| F5-0 | yes | yes | yes |
| F5-4 | no | yes | yes |
| F6-0 | no | no | yes |
| F6-4 | yes | yes | yes |
| F7-0 | yes | yes | yes |
| F7-4 | yes | yes | yes |
| F9-0 | yes | yes | yes |
| F10-0 | yes | yes | yes |
| F10-14 | yes | yes | yes |
| F11-0 | yes | yes | yes |
| F11-4 | yes | yes | yes |
| F15-0 | yes | yes | yes |
| F15-9 | yes | yes | yes |
| F16-0 | yes | no | yes |
| F16-4 | yes | yes | yes |
| F17-0 | yes | yes | yes |
| F18-0 | yes | yes | yes |
| F18-9 | yes | yes | yes |
| F19-0 | yes | no | yes |
| F20-0 | yes | yes | yes |
| F20-4 | yes | yes | yes |
| Background | yes | yes | yes |

Note 1: Holding times for VOA analysis were exceeded for five samples. Holding times were never exceeded by more than two days.

Note 2: Surrogate recoveries exceeded the limits of 70% to 130% for seven samples. Surrogate recoveries for these samples ranged from 59% to 166%.

Jan 09, 1996

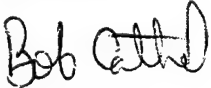
Haz-waste Technologies Corp.
Mr. Eric Marler
2995 Center Green Court South
Boulder, CO 80301

Dear Mr. Marler,

Please find enclosed the report for 93 samples received at HydroLogic Laboratories, Inc. on 15 Dec 1995 for your project number, BANG FUELING AREA. The report reference is L2397.

If you have any questions, please call (303) 659-0497.

Sincerely,

A handwritten signature in cursive script that reads "Bob Cathel".

Bob Cathel
Project Manager

Sample Cross Reference Table**Company Name:** Haz-waste Technologies Corp.**HydroLogic Login Number:** L2397

| HydroLogic Sample Number | Client Sample Identification | Sample Date/Time |
|--------------------------|------------------------------|------------------|
| L2397-1 | 9511213-01 | 13 Dec 95 08:32 |
| L2397-2 | F1-0 | 13 Dec 95 08:40 |
| L2397-3 | F1-4 | 13 Dec 95 08:48 |
| L2397-4 | F1-9 | 13 Dec 95 08:56 |
| L2397-5 | F1-14 | 13 Dec 95 09:05 |
| L2397-6 | F2-0 | 13 Dec 95 09:16 |
| L2397-7 | F2-4 | 13 Dec 95 09:25 |
| L2397-8 | F2-9 | 13 Dec 95 09:30 |
| L2397-9 | F2-14 | 13 Dec 95 09:35 |
| L2397-10 | F3-0 | 13 Dec 95 09:40 |
| L2397-11 | F3-4 | 13 Dec 95 09:45 |
| L2397-12 | F3-9 | 13 Dec 95 09:50 |
| L2397-13 | F3-14 | 13 Dec 95 09:55 |
| L2397-14 | F4-0 | 13 Dec 95 10:10 |
| L2397-15 | F4-4 | 13 Dec 95 10:15 |
| L2397-16 | F4-9 | 13 Dec 95 10:20 |
| L2397-17 | F4-14 | 13 Dec 95 10:25 |
| L2397-18 | F5-0 | 13 Dec 95 10:30 |
| L2397-19 | F5-4 | 13 Dec 95 10:30 |
| L2397-20 | F5-9 | 13 Dec 95 10:40 |
| L2397-21 | F5-14 | 13 Dec 95 10:45 |
| L2397-22 | F6-0 | 13 Dec 95 13:11 |
| L2397-23 | F6-4 | 13 Dec 95 13:20 |
| L2397-24 | F6-9 | 13 Dec 95 13:25 |
| L2397-25 | F6-14 | 13 Dec 95 13:30 |
| L2397-26 | F7-0 | 13 Dec 95 13:25 |
| L2397-27 | F7-4 | 13 Dec 95 13:25 |
| L2397-28 | F7-9 | 13 Dec 95 13:35 |
| L2397-29 | F7-14 | 13 Dec 95 13:40 |
| L2397-30 | F8-0 | 13 Dec 95 15:45 |
| L2397-31 | F8-4 | 13 Dec 95 15:50 |
| L2397-32 | F8-9 | 13 Dec 95 15:55 |
| L2397-33 | F8-14 | 13 Dec 95 16:00 |
| L2397-34 | F9-0 | 13 Dec 95 14:40 |
| L2397-35 | F9-4 | 13 Dec 95 14:45 |
| L2397-36 | F9-9 | 13 Dec 95 14:50 |
| L2397-37 | F9-14 | 13 Dec 95 14:55 |
| L2397-38 | F10-0 | 13 Dec 95 14:55 |
| L2397-39 | F10-4 | 13 Dec 95 14:55 |
| L2397-40 | F10-9 | 13 Dec 95 14:58 |

Sample Cross Reference Table**Company Name:** Haz-waste Technologies Corp.**HydroLogic Login Number:** L2397

| HydroLogic Sample Number | Client Sample Identification | Sample Date/Time |
|--------------------------|------------------------------|------------------|
| L2397-41 | F10-14 | 13 Dec 95 15:00 |
| L2397-42 | F11-0 | 13 Dec 95 15:03 |
| L2397-43 | F11-4 | 13 Dec 95 15:10 |
| L2397-44 | F11-9 | 13 Dec 95 15:15 |
| L2397-45 | F11-14 | 13 Dec 95 15:20 |
| L2397-46 | 951213-02 | 13 Dec 95 00:00 |
| L2397-47 | TRIP BLANK | 12 Dec 95 00:00 |
| L2397-48 | F15-0 | 14 Dec 95 07:55 |
| L2397-49 | F15-4 | 14 Dec 95 08:00 |
| L2397-50 | F15-9 | 14 Dec 95 08:05 |
| L2397-51 | F15-14 | 14 Dec 95 08:10 |
| L2397-52 | F16-0 | 14 Dec 95 08:25 |
| L2397-53 | F16-4 | 14 Dec 95 08:30 |
| L2397-54 | F16-9 | 14 Dec 95 08:35 |
| L2397-55 | F16-14 | 14 Dec 95 08:40 |
| L2397-56 | F17-0 | 14 Dec 95 08:55 |
| L2397-57 | F17-4 | 14 Dec 95 09:00 |
| L2397-58 | F20-0 | 14 Dec 95 10:35 |
| L2397-59 | F20-4 | 14 Dec 95 10:40 |
| L2397-60 | F20-9 | 14 Dec 95 10:45 |
| L2397-61 | F20-14 | 14 Dec 95 10:50 |
| L2397-62 | F12-0 | 14 Dec 95 12:40 |
| L2397-63 | F12-4 | 14 Dec 95 12:45 |
| L2397-64 | F12-9 | 14 Dec 95 12:50 |
| L2397-65 | F12-14 | 14 Dec 95 12:55 |
| L2397-66 | F13-0 | 14 Dec 95 13:00 |
| L2397-67 | F13-4 | 14 Dec 95 13:05 |
| L2397-68 | F13-9 | 14 Dec 95 13:10 |
| L2397-69 | F13-14 | 14 Dec 95 13:15 |
| L2397-70 | F14-0 | 14 Dec 95 13:20 |
| L2397-71 | F14-4 | 14 Dec 95 13:25 |
| L2397-72 | F14-9 | 14 Dec 95 13:30 |
| L2397-73 | F14-14 | 14 Dec 95 13:35 |
| L2397-74 | F21-0 | 14 Dec 95 14:18 |
| L2397-75 | F21-4 | 14 Dec 95 14:25 |
| L2397-76 | F21-9 | 14 Dec 95 14:30 |
| L2397-77 | F17-9 | 14 Dec 95 09:05 |
| L2397-78 | F17-14 | 14 Dec 95 09:10 |
| L2397-79 | F18-0 | 14 Dec 95 09:32 |
| L2397-80 | F18-4 | 14 Dec 95 09:35 |

Sample Cross Reference Table

Company Name: Haz-waste Technologies Corp.

HydroLogic Login Number: L2397

| HydroLogic Sample Number | Client Sample Identification | Sample Date/Time |
|--------------------------|------------------------------|------------------|
| L2397-81 | F18-9 | 14 Dec 95 09:40 |
| L2397-82 | F18-14 | 14 Dec 95 09:45 |
| L2397-83 | F19-0 | 14 Dec 95 10:35 |
| L2397-84 | F19-4 | 14 Dec 95 10:05 |
| L2397-85 | F19-9 | 14 Dec 95 10:10 |
| L2397-86 | F19-14 | 14 Dec 95 10:15 |
| L2397-87 | F21-14 | 14 Dec 95 14:35 |
| L2397-88 | 951214-01 | 14 Dec 95 10:35 |
| L2397-89 | 951214-02 | 14 Dec 95 10:35 |
| L2397-90 | 951214-03 | 14 Dec 95 14:25 |
| L2397-91 | 951214-1DW | 14 Dec 95 14:50 |
| L2397-92 | BG | 14 Dec 95 07:45 |
| L2397-93 | TRIP BLANK | 14 Dec 95 00:00 |

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.

Project: BANG FUELING AREA

HydroLogic Login Number: L2397

| METHOD | COLLECTED | PREPARED | ANALYZED |
|-------------------------------|------------------------------|------------------------|----------------|
| SAMPLE NUMBER: L2397-1 | CLIENT ID: 9511213-01 | MATRIX: Aqueous | |
| SW846, 8015 | 12/13/95 08:32 | 12/27/95 | 12/27/95 10:08 |
| SW8240 | 12/13/95 08:32 | 12/19/95 | 12/19/95 15:37 |
| SW-846, 8020 | 12/13/95 08:32 | 12/27/95 | 12/27/95 10:08 |
| SAMPLE NUMBER: L2397-2 | CLIENT ID: F1-0 | MATRIX: Soil | |
| SW846, 8240 | 12/13/95 08:40 | 12/27/95 | 12/27/95 01:36 |
| SW846 8015M | 12/13/95 08:40 | 12/19/95 | 12/19/95 14:10 |
| SW-846, 8020 | 12/13/95 08:40 | 12/19/95 | 12/19/95 14:10 |
| SAMPLE NUMBER: L2397-3 | CLIENT ID: F1-4 | MATRIX: Soil | |
| SW846, 8240 | 12/13/95 08:48 | 12/27/95 | 12/27/95 16:01 |
| SW846 8015M | 12/13/95 08:48 | 12/19/95 | 12/19/95 14:49 |
| SW-846, 8020 | 12/13/95 08:48 | 12/19/95 | 12/19/95 14:49 |
| SAMPLE NUMBER: L2397-4 | CLIENT ID: F1-9 | MATRIX: Soil | |
| SW846, 8240 | 12/13/95 08:56 | 12/27/95 | 12/27/95 17:57 |
| SAMPLE NUMBER: L2397-5 | CLIENT ID: F1-14 | MATRIX: Soil | |
| SAMPLE NUMBER: L2397-6 | CLIENT ID: F2-0 | MATRIX: Soil | |
| SW846, 8240 | 12/13/95 09:16 | 12/27/95 | 12/27/95 16:39 |
| SW846, 8240 | 12/13/95 09:16 | 12/29/95 | 12/29/95 16:22 |
| SW846 8015M | 12/13/95 09:16 | 12/20/95 | 12/20/95 20:38 |
| SW-846, 8020 | 12/13/95 09:16 | 12/20/95 | 12/20/95 20:38 |
| SAMPLE NUMBER: L2397-7 | CLIENT ID: F2-4 | MATRIX: Soil | |
| SW846, 8240 | 12/13/95 09:25 | 12/27/95 | 12/27/95 17:18 |
| SW846 8015M | 12/13/95 09:25 | 12/20/95 | 12/20/95 11:41 |
| SW-846, 8020 | 12/13/95 09:25 | 12/20/95 | 12/20/95 11:41 |
| SAMPLE NUMBER: L2397-8 | CLIENT ID: F2-9 | MATRIX: Soil | |
| SAMPLE NUMBER: L2397-9 | CLIENT ID: F2-14 | MATRIX: Soil | |

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
Project: BANG FUELING AREA

HydroLogic Login Number: L2397

| METHOD | COLLECTED | PREPARED | ANALYZED |
|--------------------------------|-------------------------|----------|---------------------|
| SAMPLE NUMBER: L2397-10 | CLIENT ID: F3-0 | | MATRIX: Soil |
| SW846, 8240 | 12/13/95 09:40 | 12/27/95 | 12/27/95 02:15 |
| SW846 8015M | 12/13/95 09:40 | 12/21/95 | 12/21/95 00:02 |
| SW-846, 8020 | 12/13/95 09:40 | 12/21/95 | 12/21/95 00:02 |
| SAMPLE NUMBER: L2397-11 | CLIENT ID: F3-4 | | MATRIX: Soil |
| SW846, 8240 | 12/13/95 09:45 | 12/27/95 | 12/27/95 03:34 |
| SW846 8015M | 12/13/95 09:45 | 12/20/95 | 12/20/95 12:20 |
| SW-846, 8020 | 12/13/95 09:45 | 12/20/95 | 12/20/95 12:20 |
| SAMPLE NUMBER: L2397-12 | CLIENT ID: F3-9 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-13 | CLIENT ID: F3-14 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-14 | CLIENT ID: F4-0 | | MATRIX: Soil |
| SW846, 8240 | 12/13/95 10:10 | 12/27/95 | 12/27/95 02:54 |
| SW846, 8240 | 12/13/95 10:10 | 12/28/95 | 12/28/95 19:09 |
| SW846 8015M | 12/13/95 10:10 | 12/21/95 | 12/21/95 12:03 |
| SW-846, 8020 | 12/13/95 10:10 | 12/21/95 | 12/21/95 12:03 |
| SAMPLE NUMBER: L2397-15 | CLIENT ID: F4-4 | | MATRIX: Soil |
| SW846, 8240 | 12/13/95 10:15 | 12/27/95 | 12/27/95 13:19 |
| SW846, 8240 | 12/13/95 10:15 | 12/29/95 | 12/29/95 14:16 |
| SW846 8015M | 12/13/95 10:15 | 12/20/95 | 12/20/95 16:32 |
| SW-846, 8020 | 12/13/95 10:15 | 12/20/95 | 12/20/95 16:32 |
| SAMPLE NUMBER: L2397-16 | CLIENT ID: F4-9 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-17 | CLIENT ID: F4-14 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-18 | CLIENT ID: F5-0 | | MATRIX: Soil |
| SW846, 8240 | 12/13/95 10:30 | 12/27/95 | 12/27/95 15:22 |
| SW846 8015M | 12/13/95 10:30 | 12/20/95 | 12/20/95 13:41 |
| SW-846, 8020 | 12/13/95 10:30 | 12/20/95 | 12/20/95 13:41 |
| SAMPLE NUMBER: L2397-19 | CLIENT ID: F5-4 | | MATRIX: Soil |

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.

Project: BANG FUELING AREA

HydroLogic Login Number: L2397

| METHOD | COLLECTED | PREPARED | ANALYZED |
|--------------|----------------|----------|----------------|
| SW846, 8240 | 12/13/95 10:30 | 12/27/95 | 12/27/95 14:37 |
| SW846, 8240 | 12/13/95 10:30 | 12/29/95 | 12/29/95 15:43 |
| SW846 8015M | 12/13/95 10:30 | 12/21/95 | 12/21/95 12:44 |
| SW-846, 8020 | 12/13/95 10:30 | 12/21/95 | 12/21/95 12:44 |

SAMPLE NUMBER: L2397-20 **CLIENT ID:** F5-9 **MATRIX:**Soil

SAMPLE NUMBER: L2397-21 **CLIENT ID:** F5-14 **MATRIX:**Soil

SAMPLE NUMBER: L2397-22 **CLIENT ID:** F6-0 **MATRIX:**Soil

| | | | |
|--------------|----------------|----------|----------------|
| SW846, 8240 | 12/13/95 13:11 | 12/27/95 | 12/27/95 13:58 |
| SW846, 8240 | 12/13/95 13:11 | 12/29/95 | 12/29/95 14:55 |
| SW846 8015M | 12/13/95 13:11 | 12/21/95 | 12/21/95 13:23 |
| SW-846, 8020 | 12/13/95 13:11 | 12/21/95 | 12/21/95 13:23 |

SAMPLE NUMBER: L2397-23 **CLIENT ID:** F6-4 **MATRIX:**Soil

| | | | |
|--------------|----------------|----------|----------------|
| SW846, 8240 | 12/13/95 13:20 | 12/27/95 | 12/27/95 08:47 |
| SW846 8015M | 12/13/95 13:20 | 12/20/95 | 12/20/95 13:00 |
| SW-846, 8020 | 12/13/95 13:20 | 12/20/95 | 12/20/95 13:00 |

SAMPLE NUMBER: L2397-24 **CLIENT ID:** F6-9 **MATRIX:**Soil

SAMPLE NUMBER: L2397-25 **CLIENT ID:** F6-14 **MATRIX:**Soil

SAMPLE NUMBER: L2397-26 **CLIENT ID:** F7-0 **MATRIX:**Soil

| | | | |
|--------------|----------------|----------|----------------|
| SW846, 8240 | 12/13/95 13:25 | 12/27/95 | 12/27/95 08:08 |
| SW846 8015M | 12/13/95 13:25 | 12/21/95 | 12/21/95 10:43 |
| SW-846, 8020 | 12/13/95 13:25 | 12/21/95 | 12/21/95 10:43 |

SAMPLE NUMBER: L2397-27 **CLIENT ID:** F7-4 **MATRIX:**Soil

| | | | |
|--------------|----------------|----------|----------------|
| SW846, 8240 | 12/13/95 13:25 | 12/27/95 | 12/27/95 07:29 |
| SW846 8015M | 12/13/95 13:25 | 12/20/95 | 12/20/95 00:19 |
| SW-846, 8020 | 12/13/95 13:25 | 12/20/95 | 12/20/95 00:19 |

SAMPLE NUMBER: L2397-28 **CLIENT ID:** F7-9 **MATRIX:**Soil

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.

Project: BANG FUELING AREA

HydroLogic Login Number: L2397

| METHOD | COLLECTED | PREPARED | ANALYZED |
|--------------------------------|--------------------------|----------|---------------------|
| SAMPLE NUMBER: L2397-29 | CLIENT ID: F7-14 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-30 | CLIENT ID: F8-0 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-31 | CLIENT ID: F8-4 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-32 | CLIENT ID: F8-9 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-33 | CLIENT ID: F8-14 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-34 | CLIENT ID: F9-0 | | MATRIX: Soil |
| SW846, 8240 | 12/13/95 14:40 | 12/27/95 | 12/27/95 06:11 |
| SW846 8015M | 12/13/95 14:40 | 12/22/95 | 12/22/95 11:01 |
| SW-846, 8020 | 12/13/95 14:40 | 12/22/95 | 12/22/95 11:01 |
| SAMPLE NUMBER: L2397-35 | CLIENT ID: F9-4 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-36 | CLIENT ID: F9-9 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-37 | CLIENT ID: F9-14 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-38 | CLIENT ID: F10-0 | | MATRIX: Soil |
| SW846, 8240 | 12/13/95 14:55 | 12/27/95 | 12/27/95 04:13 |
| SW846 8015M | 12/13/95 14:55 | 12/22/95 | 12/22/95 12:21 |
| SW-846, 8020 | 12/13/95 14:55 | 12/22/95 | 12/22/95 12:21 |
| SAMPLE NUMBER: L2397-39 | CLIENT ID: F10-4 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-40 | CLIENT ID: F10-9 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-41 | CLIENT ID: F10-14 | | MATRIX: Soil |
| SW846, 8240 | 12/13/95 15:00 | 12/27/95 | 12/27/95 04:52 |

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
Project: BANG FUELING AREA

HydroLogic Login Number: L2397

| METHOD | COLLECTED | PREPARED | ANALYZED |
|--|----------------|----------|----------------|
| SW846 8015M | 12/13/95 15:00 | 12/20/95 | 12/20/95 21:19 |
| SW-846, 8020 | 12/13/95 15:00 | 12/20/95 | 12/20/95 21:19 |
| SAMPLE NUMBER: L2397-42 CLIENT ID: F11-0 MATRIX: Soil | | | |
| SW846, 8240 | 12/13/95 15:03 | 12/27/95 | 12/27/95 05:31 |
| SW846 8015M | 12/13/95 15:03 | 12/22/95 | 12/22/95 13:00 |
| SW-846, 8020 | 12/13/95 15:03 | 12/22/95 | 12/22/95 13:00 |
| SAMPLE NUMBER: L2397-43 CLIENT ID: F11-4 MATRIX: Soil | | | |
| SW846, 8240 | 12/13/95 15:10 | 12/27/95 | 12/27/95 06:50 |
| SW846 8015M | 12/13/95 15:10 | 12/21/95 | 12/21/95 14:02 |
| SW-846, 8020 | 12/13/95 15:10 | 12/21/95 | 12/21/95 14:02 |
| SAMPLE NUMBER: L2397-44 CLIENT ID: F11-9 MATRIX: Soil | | | |
| SAMPLE NUMBER: L2397-45 CLIENT ID: F11-14 MATRIX: Soil | | | |
| SAMPLE NUMBER: L2397-46 CLIENT ID: 951213-02 MATRIX: Aqueous | | | |
| SW846, 8015 | 12/13/95 00:00 | 12/27/95 | 12/27/95 14:48 |
| SW8240 | 12/13/95 00:00 | 12/19/95 | 12/19/95 16:55 |
| SW-846, 8020 | 12/13/95 00:00 | 12/27/95 | 12/27/95 14:48 |
| SAMPLE NUMBER: L2397-47 CLIENT ID: TRIP BLANK MATRIX: Aqueous | | | |
| SW846, 8015 | 12/12/95 00:00 | 12/27/95 | 12/27/95 16:48 |
| SW8240 | 12/12/95 00:00 | 12/19/95 | 12/19/95 16:16 |
| SW-846, 8020 | 12/12/95 00:00 | 12/27/95 | 12/27/95 16:48 |
| SAMPLE NUMBER: L2397-48 CLIENT ID: F15-0 MATRIX: Soil | | | |
| SW846, 8240 | 12/14/95 07:55 | 12/28/95 | 12/28/95 02:49 |
| SW846 8015M | 12/14/95 07:55 | 12/22/95 | 12/22/95 13:41 |
| SW-846, 8020 | 12/14/95 07:55 | 12/22/95 | 12/22/95 13:41 |
| SAMPLE NUMBER: L2397-49 CLIENT ID: F15-4 MATRIX: Soil | | | |
| SAMPLE NUMBER: L2397-50 CLIENT ID: F15-9 MATRIX: Soil | | | |
| SW846, 8240 | 12/14/95 08:05 | 12/28/95 | 12/28/95 02:10 |

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
 Project: BANG FUELING AREA

HydroLogic Login Number: L2397

| METHOD | COLLECTED | PREPARED | ANALYZED |
|---|----------------|----------|----------------|
| SW846 8015M | 12/14/95 08:05 | 12/21/95 | 12/21/95 11:22 |
| SW-846, 8020 | 12/14/95 08:05 | 12/21/95 | 12/21/95 11:22 |
| SAMPLE NUMBER: L2397-51 CLIENT ID: F15-14 MATRIX:Soil | | | |
| SAMPLE NUMBER: L2397-52 CLIENT ID: F16-0 MATRIX:Soil | | | |
| SW846, 8240 | 12/14/95 08:25 | 12/28/95 | 12/28/95 16:32 |
| SW846 8015M | 12/14/95 08:25 | 12/26/95 | 12/26/95 10:59 |
| SW-846, 8020 | 12/14/95 08:25 | 12/26/95 | 12/26/95 10:59 |
| SAMPLE NUMBER: L2397-53 CLIENT ID: F16-4 MATRIX:Soil | | | |
| SW846, 8240 | 12/14/95 08:30 | 12/28/95 | 12/28/95 00:52 |
| SW846 8015M | 12/14/95 08:30 | 12/21/95 | 12/21/95 20:50 |
| SW-846, 8020 | 12/14/95 08:30 | 12/21/95 | 12/21/95 20:50 |
| SAMPLE NUMBER: L2397-54 CLIENT ID: F16-9 MATRIX:Soil | | | |
| SAMPLE NUMBER: L2397-55 CLIENT ID: F16-14 MATRIX:Soil | | | |
| SAMPLE NUMBER: L2397-56 CLIENT ID: F17-0 MATRIX:Soil | | | |
| SW846, 8240 | 12/14/95 08:55 | 12/27/95 | 12/27/95 23:34 |
| SW846 8015M | 12/14/95 08:55 | 12/26/95 | 12/26/95 11:38 |
| SW-846, 8020 | 12/14/95 08:55 | 12/26/95 | 12/26/95 11:38 |
| SAMPLE NUMBER: L2397-57 CLIENT ID: F17-4 MATRIX:Soil | | | |
| SAMPLE NUMBER: L2397-58 CLIENT ID: F20-0 MATRIX:Soil | | | |
| SW846, 8240 | 12/14/95 10:35 | 12/28/95 | 12/28/95 15:54 |
| SW846 8015M | 12/14/95 10:35 | 12/26/95 | 12/26/95 13:37 |
| SW-846, 8020 | 12/14/95 10:35 | 12/26/95 | 12/26/95 13:37 |
| SAMPLE NUMBER: L2397-59 CLIENT ID: F20-4 MATRIX:Soil | | | |
| SW846, 8240 | 12/14/95 10:40 | 12/28/95 | 12/28/95 06:03 |
| SW846 8015M | 12/14/95 10:40 | 12/21/95 | 12/21/95 18:48 |
| SW-846, 8020 | 12/14/95 10:40 | 12/21/95 | 12/21/95 18:48 |

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
Project: BANG FUELING AREA

HydroLogic Login Number: L2397

| METHOD | COLLECTED | PREPARED | ANALYZED |
|-------------------------|-------------------|----------|--------------|
| SAMPLE NUMBER: L2397-60 | CLIENT ID: F20-9 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-61 | CLIENT ID: F20-14 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-62 | CLIENT ID: F12-0 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-63 | CLIENT ID: F12-4 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-64 | CLIENT ID: F12-9 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-65 | CLIENT ID: F12-14 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-66 | CLIENT ID: F13-0 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-67 | CLIENT ID: F13-4 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-68 | CLIENT ID: F13-9 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-69 | CLIENT ID: F13-14 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-70 | CLIENT ID: F14-0 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-71 | CLIENT ID: F14-4 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-72 | CLIENT ID: F14-9 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-73 | CLIENT ID: F14-14 | | MATRIX: Soil |
| SAMPLE NUMBER: L2397-74 | CLIENT ID: F21-0 | | MATRIX: Soil |

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.

Project: BANG FUELING AREA

HydroLogic Login Number: L2397

| METHOD | COLLECTED | PREPARED | ANALYZED |
|--------------------------------|--------------------------|---------------------|-----------------|
| SAMPLE NUMBER: L2397-75 | CLIENT ID: F21-4 | MATRIX: Soil | |
| SAMPLE NUMBER: L2397-76 | CLIENT ID: F21-9 | MATRIX: Soil | |
| SAMPLE NUMBER: L2397-77 | CLIENT ID: F17-9 | MATRIX: Soil | |
| SAMPLE NUMBER: L2397-78 | CLIENT ID: F17-14 | MATRIX: Soil | |
| SAMPLE NUMBER: L2397-79 | CLIENT ID: F18-0 | MATRIX: Soil | |
| SW846, 8240 | 12/14/95 09:32 | 12/28/95 | 12/28/95 17:12 |
| SW846 8015M | 12/14/95 09:32 | 12/26/95 | 12/26/95 12:18 |
| SW-846, 8020 | 12/14/95 09:32 | 12/26/95 | 12/26/95 12:18 |
| SAMPLE NUMBER: L2397-80 | CLIENT ID: F18-4 | MATRIX: Soil | |
| SAMPLE NUMBER: L2397-81 | CLIENT ID: F18-9 | MATRIX: Soil | |
| SW846, 8240 | 12/14/95 09:40 | 12/28/95 | 12/28/95 04:45 |
| SW846 8015M | 12/14/95 09:40 | 12/21/95 | 12/21/95 16:46 |
| SW-846, 8020 | 12/14/95 09:40 | 12/21/95 | 12/21/95 16:46 |
| SAMPLE NUMBER: L2397-82 | CLIENT ID: F18-14 | MATRIX: Soil | |
| SAMPLE NUMBER: L2397-83 | CLIENT ID: F19-0 | MATRIX: Soil | |
| SW846, 8240 | 12/14/95 10:35 | 12/28/95 | 12/28/95 04:06 |
| SW846 8015M | 12/14/95 10:35 | 12/26/95 | 12/26/95 12:58 |
| SW-846, 8020 | 12/14/95 10:35 | 12/26/95 | 12/26/95 12:58 |
| SAMPLE NUMBER: L2397-84 | CLIENT ID: F19-4 | MATRIX: Soil | |
| SAMPLE NUMBER: L2397-85 | CLIENT ID: F19-9 | MATRIX: Soil | |
| SAMPLE NUMBER: L2397-86 | CLIENT ID: F19-14 | MATRIX: Soil | |

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
Project: BANG FUELING AREA

HydroLogic Login Number: L2397

| METHOD | COLLECTED | PREPARED | ANALYZED |
|--------|-----------|----------|----------|
|--------|-----------|----------|----------|

SAMPLE NUMBER: L2397-87 **CLIENT ID:** F21-14 **MATRIX:**Soil

SAMPLE NUMBER: L2397-88 **CLIENT ID:** 951214-01 **MATRIX:**Aqueous

| | | | |
|--------------|----------------|----------|----------------|
| SW846, 8015 | 12/14/95 10:35 | 12/28/95 | 12/28/95 15:34 |
| SW8240 | 12/14/95 10:35 | 12/21/95 | 12/21/95 13:01 |
| SW-846, 8020 | 12/14/95 10:35 | 12/28/95 | 12/28/95 15:34 |

SAMPLE NUMBER: L2397-89 **CLIENT ID:** 951214-02 **MATRIX:**Aqueous

| | | | |
|--------------|----------------|----------|----------------|
| SW846, 8015 | 12/14/95 10:35 | 12/28/95 | 12/28/95 16:11 |
| SW8240 | 12/14/95 10:35 | 12/21/95 | 12/21/95 13:41 |
| SW-846, 8020 | 12/14/95 10:35 | 12/28/95 | 12/28/95 16:11 |

SAMPLE NUMBER: L2397-90 **CLIENT ID:** 951214-03 **MATRIX:**Aqueous

| | | | |
|--------------|----------------|----------|----------------|
| SW846, 8015 | 12/14/95 14:25 | 12/27/95 | 12/27/95 16:08 |
| SW8240 | 12/14/95 14:25 | 12/21/95 | 12/21/95 14:22 |
| SW-846, 8020 | 12/14/95 14:25 | 12/27/95 | 12/27/95 16:08 |

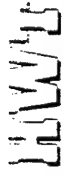
SAMPLE NUMBER: L2397-91 **CLIENT ID:** 951214-1DW **MATRIX:**Soil

SAMPLE NUMBER: L2397-92 **CLIENT ID:** BG **MATRIX:**Soil

| | | | |
|--------------|----------------|----------|----------------|
| SW846, 8240 | 12/14/95 07:45 | 12/28/95 | 12/28/95 03:27 |
| SW846 8015M | 12/14/95 07:45 | 12/21/95 | 12/21/95 21:31 |
| SW-846, 8020 | 12/14/95 07:45 | 12/21/95 | 12/21/95 21:31 |

SAMPLE NUMBER: L2397-93 **CLIENT ID:** TRIP BLANK **MATRIX:**Aqueous

| | | | |
|--------------|----------------|----------|----------------|
| SW846, 8015 | 12/14/95 00:00 | 12/27/95 | 12/27/95 17:29 |
| SW8240 | 12/14/95 00:00 | 12/21/95 | 12/21/95 12:20 |
| SW-846, 8020 | 12/14/95 00:00 | 12/27/95 | 12/27/95 17:29 |



CHAIN OF CUSTODY RECORD

| Project No. | | Project | | ANALYSIS REQUIRED | | | | COMMENTS | | | | |
|---------------------------|--|------------|--------------------------------|-------------------|------|---------------------------|--------------------|------------|-------------|---------------------------|--|--------------|
| Sample Number | | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTEX (SOL) | TVPH (BOIS) | Volatiles ORGANICS (G240) | | |
| 951213-01 | | 12/13/95 | 08:32 | | X | DECON BLANK | 1 | X | X | X | | STANDARD T/A |
| F1-0 | | 12/13/95 | 08:40 | | X | LOCATION 1 0-2 FT DEPTH | 1 | X | X | X | | |
| F1-4 | | 12/13/95 | 08:48 | | X | LOCATION 1 4-6 FT DEPTH | 1 | X | X | X | | |
| F1-9 | | 12/13/95 | 08:56 | | X | LOCATION 1 9-11 FT DEPTH | 1 | | | | | HOLD |
| F1-14 | | 12/13/95 | 09:05 | | X | LOCATION 1 14-16 FT DEPTH | 1 | | | | | HOLD |
| F2-0 | | 12/13/95 | 09:16 | | X | LOCATION 2 0-2 FT DEPTH | 1 | X | X | X | | |
| F2-4 | | 12/13/95 | 09:25 | | X | LOCATION 2 4-6 FT DEPTH | 1 | X | X | X | | |
| F2-9 | | 12/13/95 | 09:30 | | X | LOCATION 2 9-11 FT DEPTH | 1 | | | | | HOLD |
| F2-14 | | 12/13/95 | 09:35 | | X | LOCATION 2 14-16 FT DEPTH | 1 | | | | | HOLD |
| F3-0 | | 12/18/95 | 09:40 | | X | LOCATION 3 0-2 FT DEPTH | 1 | X | X | X | | |
| Relinquished by: | | Date/Time | Received by: | | | | Means of Delivery: | | Remarks: | | | |
| Name: ERIC MARLER | | 12/15/95 | Name: JANE DIXON | | | | PERSONAL DELIVERY | | | | | |
| Signature: [Signature] | | 17:05 | Signature: [Signature] | | | | | | | | | |
| Company: HWT | | | Company: HazWaste Technologies | | | | | | | | | |
| Relinquished by: | | Date/Time | Received by: | | | | Means of Delivery: | | Remarks: | | | |
| Name: | | | Name: | | | | | | | | | |
| Signature: | | | Signature: | | | | | | | | | |
| Company: | | | Company: | | | | | | | | | |
| HWT Purchase Order Number | | 8951215-01 | | | | | | | | | | |

CHAIN OF CUSTODY RECORD

HazWaste Technologies Corporation

| Project No. | | Project | | ANALYSIS REQUIRED | | | | COMMENTS | |
|--------------------------------|----------|-------------|------|--------------------------------|---------------------------|--------------------|------------|-----------|-------------------------|
| Buckley Area Base Fueling Area | | | | | | | | | |
| Samplers: (Name) | | (Signature) | | | | | | | |
| ERIC MARLER | | | | | | | | | |
| ADAM WARREN | | | | | | | | | |
| Sample Number | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTEX (800) | TPH (800) | Volatile Organics (200) |
| F3-4 | 12/13/95 | 09:45 | | X | LOCATION 3 4-6 FT DEPTH | 1 | X | X | X |
| F3-9 | 12/13/95 | 09:50 | | X | LOCATION 3 9-11 FT DEPTH | 1 | | | |
| F3-14 | 12/13/95 | 09:55 | | X | LOCATION 3 14-16 FT DEPTH | 1 | | | |
| F4-0 | 12/13/95 | 10:10 | | X | LOCATION 4 0-2 FT DEPTH | 1 | X | X | X |
| F4-4 | | | | | | | | | |
| F4-9 | 12/13/95 | 10:15 | | X | LOCATION 4 4-6 FT DEPTH | 1 | X | X | X |
| F4-9 | 12/13/95 | 10:20 | | X | LOCATION 4 9-11 FT DEPTH | 1 | | | |
| F4-14 | 12/13/95 | 10:25 | | X | LOCATION 4 14-16 FT DEPTH | 1 | | | |
| F5-0 | 12/13/95 | 10:30 | | X | LOCATION 5 0-2 FT DEPTH | 1 | X | X | X |
| F5-4 | 12/13/95 | 10:35 | | X | LOCATION 5 4-6 FT DEPTH | 1 | X | X | X |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | Remarks: | |
| Name: ERIC MARLER | | 12/15/95 | | Name: Jane Dinges | | PERSONAL DELIVERY | | | |
| Signature: [Signature] | | 17:05 | | Signature: Jane Dinges | | | | | |
| Company: HWT | | | | Company: HazWaste Technologies | | | | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | Remarks: | |
| Name: | | | | Name: | | | | | |
| Signature: | | | | Signature: | | | | | |
| Company: | | | | Company: | | | | | |
| HWT Purchase Order Number | | P951215-61 | | | | | | | |






CHAIN OF CUSTODY RECORD

| Project No. | | Project | | ANALYSIS REQUIRED | | | | COMMENTS | |
|-------------------------------|----------|-------------|------|-------------------|---------------------------|--------------------------------|------------|--------------------|-------------------------|
| Buckley ANG Base Fueling Area | | | | | | | | | |
| Samplers: (Name) | | (Signature) | | | | | | | |
| ERIC MARLER | | | | | | | | | |
| ASVIN WARAN | | | | | | | | | |
| Sample Number | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTEX (D20) | TPH (D33) | Volatile Organics (D38) |
| F5-9 | 12/13/95 | 10:40 | | X | LOCATION 5 9-11 FT DEPTH | 1 | | | |
| F5-14 | 12/13/95 | 10:45 | | X | LOCATION 5 14-16 FT DEPTH | 1 | | | |
| F6-10 | 12/13/95 | 13:11 | | X | LOCATION 6 0-2 FT DEPTH | 1 | X | X | |
| F6-4 | 12/13/95 | 13:20 | | X | LOCATION 6 4-6 FT DEPTH | 1 | X | X | |
| F6-9 | 12/13/95 | 13:25 | | X | LOCATION 6 9-11 FT DEPTH | 1 | | | |
| F6-14 | 12/13/95 | 13:30 | | X | LOCATION 6 14-16 FT DEPTH | 1 | | | |
| F7-10 | 12/13/95 | 13:25 | | X | LOCATION 7 0-2 FT DEPTH | 1 | X | X | |
| F7-4 | 12/13/95 | 13:30 | | X | LOCATION 7 4-6 FT DEPTH | 1 | X | X | |
| F7-8 | | | | | | | | | |
| F7-9 | 12/13/95 | 13:35 | | X | LOCATION 7 9-11 FT DEPTH | 1 | | | |
| Relinquished by: | | | | Date/Time | | Received by: | | Means of Delivery: | |
| Name: ERIC MARLER | | | | | | Name: Jane Dinges | | PERSONAL DELIVERY | |
| Signature: | | | | | | Signature: Jane Dinges | | | |
| Company: HWT | | | | | | Company: HazWaste Technologies | | | |
| Relinquished by: | | | | Date/Time | | Received by: | | Means of Delivery: | |
| Name: | | | | | | Name: | | | |
| Signature: | | | | | | Signature: | | | |
| Company: | | | | | | Company: | | | |
| HWT Purchase Order Number | | | | P951215-01 | | | | | |

CHAIN OF CUSTODY RECORD

HazWaste Technologies® Corporation



| Project No. | | Project | | ANALYSIS REQUIRED | | | | | | | | | | COMMENTS | | |
|--|----------|---|------|--|-------------------------|--------------------|------------|------------|--------------------------|---|--|--|--|--------------|------|--|
| Samplers: (Name) | | (Signature) | | | | | | | | | | | | | | |
| ERIC MARLER | |  | | | | | | | | | | | | STANDARD T/A | | |
| ASVIN WARRAN | | | | | | | | | | | | | | | | |
| Sample Number | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTX (P220) | THP (P210) | Volatile Organics (P240) | | | | | | | |
| F7-14 | 12/11/95 | 13:40 | | X | LOCATION 7 | 14-16 FT DEPTH | 1 | | | | | | | | HOLD | |
| F8-0 | 12/13/95 | 15:45 | | X | LOCATION 8 | 0-2 FT DEPTH | 1 | | | | | | | | HOLD | |
| F8-4 | 12/13/95 | 15:50 | | X | LOCATION 8 | 4-6 FT DEPTH | 1 | | | | | | | | HOLD | |
| F8-9 | 12/13/95 | 15:55 | | X | LOCATION 8 | 9-11 FT DEPTH | 1 | | | | | | | | HOLD | |
| F8-14 | 12/13/95 | 16:00 | | X | LOCATION 8 | 14-16 FT DEPTH | 1 | | | | | | | | HOLD | |
| F9-0 | 12/13/95 | 14:40 | | X | LOCATION 9 | 0-2 FT DEPTH | 1 | X | X | X | | | | | | |
| F9-4 | 12/13/95 | 14:45 | | X | LOCATION 9 | 4-6 FT DEPTH | 1 | | | | | | | | HOLD | |
| F9-9 | 12/13/95 | 14:50 | | X | LOCATION 9 | 9-11 FT DEPTH | 1 | | | | | | | | HOLD | |
| F9-14 | 12/13/95 | 14:55 | | X | LOCATION 9 | 14-16 FT DEPTH | 1 | X | X | X | | | | | | |
| F10-0 | 12/13/95 | 14:55 | | X | LOCATION 10 | 0-2 FT DEPTH | 1 | X | X | X | | | | | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | Remarks: | | | | | | | | |
| Name: ERIC MARLER | | 12/15/95 | | Name: Jane Dinges | | PERSONAL DELIVERY | | | | | | | | | | |
| Signature:  | | 17:05 | | Signature: Jane Dinges | | 12-15-95 | | | | | | | | | | |
| Company: HWT | | | | Company:  | | | | | | | | | | | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | Remarks: | | | | | | | | |
| Name: | | | | Name: | | | | | | | | | | | | |
| Signature: | | | | Signature: | | | | | | | | | | | | |
| Company: | | | | Company: | | | | | | | | | | | | |
| HWT Purchase Order Number | | 951215-01 | | | | | | | | | | | | | | |

CHAIN OF CUSTODY RECORD

| Project No. Project | | ANALYSIS REQUIRED | | | | COMMENTS | |
|-------------------------------|--|-------------------|--------------------------------|--------------------------|--------------------|----------------------------|--------------|
| Buckley ANG Base Fueling Area | | BTX (POLY) | TPH (POLY) | Volatile Organics (P240) | | | |
| Samplers: (Name) (Signature) | | Date | Time | Comp | Grab | Description of Location | No. of Cont. |
| ERIC MARLEN | | 12/13/95 | 14:55 | | X | LOCATION 10 4-6 FT DEPTH | 1 |
| ASVIN WARR | | 12/13/95 | 14:58 | | X | LOCATION 10 9-11 FT DEPTH | 1 |
| F10-14 | | 12/13/95 | 15:00 | | X | LOCATION 10 14-16 FT DEPTH | 1 |
| F11-0 | | 12/13/95 | 15:03 | | X | LOCATION 11 0-2 FT DEPTH | 1 |
| F11-1 | | 12/13/95 | 15:10 | | X | LOCATION 11 4-6 FT DEPTH | 1 |
| F11-9 | | 12/13/95 | 15:15 | | X | LOCATION 11 9-11 FT DEPTH | 1 |
| F11-14 | | 12/13/95 | 15:20 | | X | LOCATION 11 14-16 FT DEPTH | 1 |
| 951213-02 | | 12/13/95 | | | X | DECON BLANK | 1 |
| TRIP BLANK | | | | | X | TRIP BLANK | 2 |
| Relinquished by: | | Date/Time | Received by: | | Means of Delivery: | | |
| Name: ERIC MARLEN | | 12/15/95 | Name: Irene Dinges | | PERSONAL DELIVERY | | |
| Signature: [Signature] | | 17:05 | Signature: Irene Dinges | | 951705 | | |
| Company: HW | | | Company: HazWaste Technologies | | | | |
| Relinquished by: | | Date/Time | Received by: | | Means of Delivery: | | |
| Name: | | | Name: | | | | |
| Signature: | | | Signature: | | | | |
| Company: | | | Company: | | | | |
| HWT Purchase Order Number: | | 951215-01 | | | | | |

CHAIN OF CUSTODY RECORD

HazWaste Technologies Corporation

| Project No. | | Project | | ANALYSIS REQUIRED | | | | COMMENTS | |
|--|----------|---|------|--------------------------------|----------------------------|--------------------|------------|-----------|-------------------------|
| Buckley Air Base - Fueling Area | | | | | | | | | |
| Samplers: (Name) | | (Signature) | | | | | | | |
| ERIC MARLER | |  | | | | | | | |
| ASVIN WARAN | | | | | | | | | |
| Sample Number | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTEX (GAS) | TPH (GAS) | Volatile Organics (GAS) |
| F15-0 | 12/14/95 | 07:55 | | X | LOCATION 15 0-2 FT DEPTH | 1 | X | X | X |
| F15-4 | 12/14/95 | 08:00 | | X | LOCATION 15 4-6 FT DEPTH | 1 | | | |
| F15-9 | 12/14/95 | 08:05 | | X | LOCATION 15 9-11 FT DEPTH | 1 | X | X | |
| F15-14 | 12/14/95 | 08:10 | | X | LOCATION 15 14-16 FT DEPTH | 1 | | | |
| F16-0 | 12/14/95 | 08:25 | | X | LOCATION 16 0-2 FT DEPTH | 1 | X | X | |
| F16-4 | 12/14/95 | 08:30 | | X | LOCATION 16 4-6 FT DEPTH | 1 | X | X | |
| F16-9 | 12/14/95 | 08:35 | | X | LOCATION 16 9-11 FT DEPTH | 1 | | | |
| F16-14 | 12/14/95 | 08:40 | | X | LOCATION 16 14-16 FT DEPTH | 1 | X | X | |
| F17-0 | 12/14/95 | 08:55 | | X | LOCATION 17 0-2 FT DEPTH | 1 | X | X | |
| F17-4 | 12/14/95 | 09:00 | | X | LOCATION 17 4-6 FT DEPTH | 1 | | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | Remarks: | |
| Name: ERIC MARLER | | 12/15/95 | | Name: Jane Dinges | | PERSONAL DELIVERY | | | |
| Signature:  | | 17:05 | | Signature: Jane Dinges | | 12/15/95 | | | |
| Company: HWT | | | | Company: HazWaste Technologies | | | | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | Remarks: | |
| Name: | | | | Name: | | | | | |
| Signature: | | | | Signature: | | | | | |
| Company: | | | | Company: | | | | | |
| HWT Purchase Order Number | | P951215-01 | | | | | | | |



CHAIN OF CUSTODY RECORD

| Project No. | | Project | | ANALYSIS REQUIRED | | | | | | | | | | COMMENTS | | |
|---------------------------|----------|-------------|------|--------------------------------|----------------------------|--------------------|-----|----|-------------------|--|--|--|--|----------|--------------|----------|
| Samplers: (Name) | | (Signature) | | | | | | | | | | | | | | |
| ERIC MARLEN | | | | | | | | | | | | | | | | |
| ASVIN WARAN | | | | | | | | | | | | | | | | |
| Sample Number | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTX | TH | Volatile Organics | | | | | | | |
| F17-9 | 12/14/95 | 09:05 | | X | LOCATION 17 9-11 FT DEPTH | 1 | | | | | | | | | STANDARD T/A | |
| F17-14 | 12/14/95 | 09:10 | | X | LOCATION 17 14-16 FT DEPTH | 1 | | | | | | | | | HOLD | |
| F18-0 | 12/14/95 | 09:32 | | X | LOCATION 18 0-2 FT DEPTH | 1 | X | X | X | | | | | | HOLD | |
| F18-4 | 12/14/95 | 09:35 | | X | LOCATION 18 4-6 FT DEPTH | 1 | | | | | | | | | HOLD | |
| F18-9 | 12/14/95 | 09:40 | | X | LOCATION 18 9-11 FT DEPTH | 1 | X | X | X | | | | | | HOLD | |
| F18-14 | 12/14/95 | 09:45 | | X | LOCATION 18 14-16 FT DEPTH | 1 | | | | | | | | | HOLD | |
| F19-0 | 12/14/95 | 10:00 | | X | LOCATION 19 0-2 FT DEPTH | 1 | X | X | X | | | | | | HOLD | |
| F19-4 | 12/14/95 | 10:05 | | X | LOCATION 19 4-6 FT DEPTH | 1 | | | | | | | | | HOLD | |
| F19-9 | 12/14/95 | 10:10 | | X | LOCATION 19 9-11 FT DEPTH | 1 | | | | | | | | | HOLD | |
| F19-14 | 12/14/95 | 10:15 | | X | LOCATION 19 14-16 FT DEPTH | 1 | | | | | | | | | HOLD | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | | | | | | | | | Remarks: |
| Name: ERIC MARLEN | | 12/15/95 | | Name: JANE DIERGES | | PERSONAL DELIVERY | | | | | | | | | | |
| Signature: | | 17:05 | | Signature: | | 12/15/95 | | | | | | | | | | |
| Company: HWT | | | | Company: HazWaste Technologies | | | | | | | | | | | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | | | | | | | | | Remarks: |
| Name: | | | | Name: | | | | | | | | | | | | |
| Signature: | | | | Signature: | | | | | | | | | | | | |
| Company: | | | | Company: | | | | | | | | | | | | |
| HWT Purchase Order Number | | 1951215-07 | | 1951215-07 | | | | | | | | | | | | |

[illegible]

CHAIN OF CUSTODY RECORD

| Project No. | | Project | | ANALYSIS REQUIRED | | | | | | COMMENTS | |
|---|----------|---------|------|-------------------|----------------------------|-------------------|--------------------------------|--|--|----------|---|
| | | | | BTEX | TVPH | Volatile Organics | | | | | |
| Samplers: (Name) ERIC MARLER ASVIN WARRAN | | | | (Signature) | | | | | | | |
| Sample Number | Date | Time | Comp | Grab | Description of Location | No. of Cont. | | | | | |
| F13-4 | 12/14/95 | 13:05 | | X | LOCATION 13 4-6 FT DEPTH | 1 | STANDARD T/A | | | | |
| F13-9 | 12/14/95 | 13:10 | | X | LOCATION 13 9-11 FT DEPTH | 1 | HOLD | | | | |
| F13-14 | 12/14/95 | 13:15 | | X | LOCATION 13 14-16 FT DEPTH | 1 | HOLD | | | | |
| F14-0 | 12/14/95 | 13:22 | | X | LOCATION 14 0-2 FT DEPTH | 1 | HOLD | | | | |
| F14-4 | 12/14/95 | 13:25 | | X | LOCATION 14 4-6 FT DEPTH | 1 | HOLD | | | | |
| F14-9 | 12/14/95 | 13:25 | | X | LOCATION 14 9-11 FT DEPTH | 1 | HOLD | | | | |
| F14-14 | 12/14/95 | 13:35 | | X | LOCATION 14 14-16 FT DEPTH | 1 | HOLD | | | | |
| F21-0 | 12/14/95 | 14:10 | | X | LOCATION 21 0-2 FT DEPTH | 1 | HOLD | | | | |
| F21-4 | 12/14/95 | 14:25 | | X | LOCATION 21 4-6 FT DEPTH | 1 | HOLD | | | | |
| F21-9 | 12/14/95 | 14:30 | | X | LOCATION 21 9-11 FT DEPTH | 1 | HOLD | | | | |
| Relinquished by: Name: ERIC MARLER Signature: [Signature] Company: HWT | | | | | | | Date/Time 17:05 12/15/95 | | Received by: Name: Jane Dinges Signature: [Signature] Company: General Dynamics | | Means of Delivery: Personal delivery |
| Relinquished by: Name: [Blank] Signature: [Blank] Company: [Blank] | | | | | | | Date/Time [Blank] | | Received by: Name: [Blank] Signature: [Blank] Company: [Blank] | | Means of Delivery: [Blank] |
| HWT Purchase Order Number 9951215-01 Page 2050 | | | | | | | | | | | |

CHAIN OF CUSTODY RECORD

HazWaste Technologies® Corporation

| Project No. | | Project | | | | | | | | ANALYSIS REQUIRED | | | | | | | COMMENTS |
|---|----------|---------|------|------|------|-------------------------------------|--------------|--------------------------------|-----|--|--|---|--|--|--------------|--|----------|
| Sample Number | | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTEX | TWH | VOLATILE ORGANICS | | | | | | | |
| Buckley ANG Base Fueling Area (Signature) | | | | | | | | | | | | | | | | | |
| Samplers: (Name) ERIC MARLEN ASUN WARRAN | | | | | | | | | | | | | | | | | |
| F21-14 | 12/14/95 | 14:35 | | X | | LOCATION 21 14-16 FT DEPTH | 1 | | | | | | | | STANDARD T/A | | |
| Q51214-01 | 12/14/95 | 10:35 | | X | | Location DECON BLANK | 1 | X | X | X | | | | | HOLD | | |
| Q51214-02 | 12/14/95 | 10:35 | | X | | Location EQUIPMENT BLANK | 1 | X | X | X | | | | | | | |
| Q51214-03 | 12/14/95 | 14:25 | | X | | DECON BLANK | 1 | X | X | X | | | | | | | |
| Q51214-10 | 12/14/95 | 14:50 | | X | | INVESTIGATION DERIVED WASTE DRUM | 1 | | | | | | | | HOLD | | |
| B _G | 12/14/95 | 07:45 | | X | | BACKGROUND LOCATION 0-2 FT DEPTH | 1 | X | X | X | | | | | | | |
| TAP BLANK | | | | X | | | 2 | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Relinquished by: ERIC MARLEN Name: _____ Signature: _____ Company: HWT | | | | | | | | Date/Time 17:05 12/15/95 | | Received by: Name: Jane Dinges Signature: _____ Company: Prime Pump | | Means of Delivery: PERSONAL DELIVERY | | | Remarks: | | |
| Relinquished by: Name: _____ Signature: _____ Company: _____ | | | | | | | | Date/Time | | Received by: Name: _____ Signature: _____ Company: Hydrologic | | Means of Delivery: 12-15-95 POC | | | Remarks: | | |
| HWT Purchase Order Number 9451215-01 | | | | | | | | | | | | | | | | | |

QC

DATA

PACKAGE

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5333-1
Site / Project ID: Not Reported
Run ID: R2752
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 19-DEC-95 | | | | | | | |
| Analysis Date: 19-DEC-95 13:31 | | | | | | | |
| Workgroup Number: WG5333 | | | | | | | |
| Acetone | 67-64-1 | 1 | ND | ug/L | U | .5 | 100 |
| Acetonitrile | 75-05-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrolein | 107-02-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrylonitrile | 107-13-1 | 1 | ND | ug/L | U | .5 | 100 |
| Allyl chloride | 107-05-1 | 1 | ND | ug/L | U | .5 | 5 |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .39 | 5 |
| Benzyl chloride | 100-44-7 | 1 | ND | ug/L | U | .5 | 100 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/L | U | .64 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/L | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/L | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/L | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/L | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/L | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/L | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/L | U | 2 | 10 |
| Chloroprene | 126-99-8 | 1 | ND | ug/L | U | .5 | 5 |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 1 | ND | ug/L | U | .61 | 100 |
| 1,2-Dibromoethane | 106-93-4 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromomethane | 74-95-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| 1,4-Dichloro-2-butene | 764-41-0 | 1 | ND | ug/L | U | .5 | 100 |
| Dichlorodifluoromethane | 75-71-8 | 1 | ND | ug/L | U | .43 | 10 |
| 1,1-Dichloroethane | 75-35-3 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/L | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/L | U | .48 | 5 |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | ND | ug/L | U | .55 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/L | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/L | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/L | U | .78 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5333-1
Site / Project ID: Not Reported
Run ID: R2752
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/L | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .75 | 5 |
| Ethyl methacrylate | 97-63-2 | 1 | ND | ug/L | U | .5 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/L | U | .5 | 50 |
| Isobutyl alcohol | 78-83-1 | 1 | ND | ug/L | U | .5 | 100 |
| Methacrylonitrile | 126-98-7 | 1 | ND | ug/L | U | .5 | 100 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/L | U | .75 | 5 |
| Methyl iodide | 74-88-4 | 1 | ND | ug/L | U | .5 | 5 |
| Methyl methacrylate | 80-62-6 | 1 | ND | ug/L | U | .5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/L | U | .5 | 50 |
| Pentachloroethane | 76-01-7 | 1 | ND | ug/L | U | .5 | 10 |
| Propionitrile | 107-12-0 | 1 | ND | ug/L | U | .5 | 100 |
| Styrene | 100-42-5 | 1 | ND | ug/L | U | .72 | 5 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1 | ND | ug/L | U | .45 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/L | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/L | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/L | U | .85 | 5 |
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/L | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/L | U | .42 | 5 |
| 1,2,3-Trichloropropane | 96-18-4 | 1 | ND | ug/L | U | 1.1 | 5 |
| Vinyl acetate | 108-05-4 | 1 | ND | ug/L | U | .5 | 50 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/L | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 97 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 95 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 90 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

vbb9512191

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5334-1
Site / Project ID: Not Reported
Run ID: R2856
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 10:17 | | | | | | | |
| Workgroup Number: WG5334 | | | | | | | |
| Acetone | 67-64-1 | 1 | ND | ug/L | U | .5 | 100 |
| Acetonitrile | 75-05-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrolein | 107-02-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrylonitrile | 107-13-1 | 1 | ND | ug/L | U | .5 | 100 |
| Allyl chloride | 107-05-1 | 1 | ND | ug/L | U | .5 | 5 |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .39 | 5 |
| Benzyl chloride | 100-44-7 | 1 | ND | ug/L | U | .5 | 100 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/L | U | .64 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/L | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/L | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/L | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/L | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/L | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/L | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/L | U | 2 | 10 |
| Chloroprene | 126-99-8 | 1 | ND | ug/L | U | .5 | 5 |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 1 | ND | ug/L | U | .61 | 100 |
| 1,2-Dibromoethane | 106-93-4 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromomethane | 74-95-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| 1,4-Dichloro-2-butene | 764-41-0 | 1 | ND | ug/L | U | .5 | 100 |
| Dichlorodifluoromethane | 75-71-8 | 1 | ND | ug/L | U | .43 | 10 |
| 1,1-Dichloroethane | 75-35-3 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/L | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/L | U | .48 | 5 |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | ND | ug/L | U | .55 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/L | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/L | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/L | U | .78 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5334-1
Site / Project ID: Not Reported
Run ID: R2856
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/L | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .75 | 5 |
| Ethyl methacrylate | 97-63-2 | 1 | ND | ug/L | U | .5 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/L | U | .5 | 50 |
| Isobutyl alcohol | 78-83-1 | 1 | ND | ug/L | U | .5 | 100 |
| Methacrylonitrile | 126-98-7 | 1 | ND | ug/L | U | .5 | 100 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/L | U | .75 | 5 |
| Methyl iodide | 74-88-4 | 1 | ND | ug/L | U | .5 | 5 |
| Methyl methacrylate | 80-62-6 | 1 | ND | ug/L | U | .5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/L | U | .5 | 50 |
| Pentachloroethane | 76-01-7 | 1 | ND | ug/L | U | .5 | 10 |
| Propionitrile | 107-12-0 | 1 | ND | ug/L | U | .5 | 100 |
| Styrene | 100-42-5 | 1 | ND | ug/L | U | .72 | 5 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1 | ND | ug/L | U | .45 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/L | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/L | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/L | U | .85 | 5 |
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/L | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/L | U | .42 | 5 |
| 1,2,3-Trichloropropane | 96-18-4 | 1 | ND | ug/L | U | 1.1 | 5 |
| Vinyl acetate | 108-05-4 | 1 | ND | ug/L | U | .5 | 50 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/L | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 91 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 99 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 100 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5336-1
Site / Project ID: Not Reported
Run ID: R2908
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 19:39 | | | | | | | |
| Workgroup Number: WG5336 | | | | | | | |
| Acetone | 67-64-1 | 1 | ND | ug/Kg | U | .5 | 100 |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .39 | 5 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/Kg | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/Kg | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/Kg | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/Kg | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/Kg | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/Kg | U | 2 | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,3-Dichlorobenzene | 541-73-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,4-Dichlorobenzene | 106-46-7 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,1-Dichloroethane | 75-34-3 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/Kg | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/Kg | U | .48 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/Kg | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/Kg | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/Kg | U | .78 | 5 |
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/Kg | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .75 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/Kg | U | .5 | 50 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/Kg | U | .75 | 5 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/Kg | U | .5 | 50 |
| Styrene | 100-42-5 | 1 | ND | ug/Kg | U | .72 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/Kg | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/Kg | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .85 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5336-1
Site / Project ID: Not Reported
Run ID: R2908
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/Kg | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/Kg | U | .42 | 5 |
| Trichlorofluoromethane | 75-69-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/Kg | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | ND | ug/Kg | U | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 103 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 95 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 86 | % | | | |

VOAs by GC/MS

Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95 19:39
Workgroup Number: WG5336

| | | | | | | | |
|----------------------|-----------|---|-----|-------|---|-----|---|
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .39 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/Kg | U | .44 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/Kg | U | .48 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .85 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/Kg | U | .42 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 103 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 95 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 86 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

vvbb9512272

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5337-1
Site / Project ID: Not Reported
Run ID: R2908
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 13:18 | | | | | | | |
| Workgroup Number: WG5337 | | | | | | | |
| Acetone | 67-64-1 | 1 | ND | ug/Kg | U | .5 | 100 |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .39 | 5 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/Kg | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/Kg | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/Kg | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/Kg | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/Kg | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/Kg | U | 2 | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,3-Dichlorobenzene | 541-73-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,4-Dichlorobenzene | 106-46-7 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,1-Dichloroethane | 75-34-3 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/Kg | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/Kg | U | .48 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/Kg | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/Kg | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/Kg | U | .78 | 5 |
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/Kg | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .75 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/Kg | U | .5 | 50 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/Kg | U | .75 | 5 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/Kg | U | .5 | 50 |
| Styrene | 100-42-5 | 1 | ND | ug/Kg | U | .72 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/Kg | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/Kg | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .85 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5337-1
Site / Project ID: Not Reported
Run ID: R2908
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/Kg | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/Kg | U | .42 | 5 |
| Trichlorofluoromethane | 75-69-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/Kg | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | ND | ug/Kg | U | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 95 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 99 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 88 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

vvbb9512281

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5338-1
Site / Project ID: Not Reported
Run ID: R2912
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | |
| Analysis Date: 26-DEC-95 22:17 | | | | | | | |
| Workgroup Number: WG5338 | | | | | | | |
| Acetone | 67-64-1 | 1 | ND | ug/Kg | U | .5 | 100 |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .39 | 5 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/Kg | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/Kg | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/Kg | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/Kg | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/Kg | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/Kg | U | 2 | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,3-Dichlorobenzene | 541-73-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,4-Dichlorobenzene | 106-46-7 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,1-Dichloroethane | 75-34-3 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/Kg | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/Kg | U | .48 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/Kg | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/Kg | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/Kg | U | .78 | 5 |
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/Kg | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .75 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/Kg | U | .5 | 50 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/Kg | U | .75 | 5 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/Kg | U | .5 | 50 |
| Styrene | 100-42-5 | 1 | ND | ug/Kg | U | .72 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/Kg | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/Kg | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .85 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

bb9512261

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5338-1
Site / Project ID: Not Reported
Run ID: R2912
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/Kg | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/Kg | U | .42 | 5 |
| Trichlorofluoromethane | 75-69-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/Kg | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | ND | ug/Kg | U | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 97 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 94 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 81 | % | | | |

VOAs by GC/MS

Preparation Date: 26-DEC-95

Analysis Date: 26-DEC-95 22:17

Workgroup Number: WG5338

| | | | | | | | |
|----------------------|-----------|---|----|-------|---|-----|---|
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .39 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/Kg | U | .44 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/Kg | U | .48 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .85 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/Kg | U | .42 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 97 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 94 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 81 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

vvbb9512261

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5339-1
Site / Project ID: Not Reported
Run ID: R2912
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 12:39 | | | | | | | |
| Workgroup Number: WG5339 | | | | | | | |
| Acetone | 67-64-1 | 1 | ND | ug/Kg | U | .5 | 100 |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .39 | 5 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/Kg | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/Kg | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/Kg | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/Kg | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/Kg | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/Kg | U | 2 | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,3-Dichlorobenzene | 541-73-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,4-Dichlorobenzene | 106-46-7 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,1-Dichloroethane | 75-34-3 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/Kg | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/Kg | U | .48 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/Kg | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/Kg | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/Kg | U | .78 | 5 |
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/Kg | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .75 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/Kg | U | .5 | 50 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/Kg | U | .75 | 5 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/Kg | U | .5 | 50 |
| Styrene | 100-42-5 | 1 | ND | ug/Kg | U | .72 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/Kg | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/Kg | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .85 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5339-1
Site / Project ID: Not Reported
Run ID: R2912
Collection Date: Not Reported
Received Date: 08-JAN-96
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/Kg | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/Kg | U | .42 | 5 |
| Trichlorofluoromethane | 75-69-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/Kg | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | ND | ug/Kg | U | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 111 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 95 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 93 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

vvbb9512271

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5222-1
Site / Project ID: Not Reported
Run ID: R2806
Collection Date: Not Reported
Received Date: 22-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|----|
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 19-DEC-95 | | | | | | | |
| Analysis Date: 19-DEC-95 09:31 | | | | | | | |
| Workgroup Number: WG5222 | | | | | | | |
| GRO | N/A | 1 | ND | mg/Kg | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 106 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5223-1
Site / Project ID: Not Reported
Run ID: R2806
Collection Date: Not Reported
Received Date: 22-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|----|
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 10:09 | | | | | | | |
| Workgroup Number: WG5223 | | | | | | | |
| GRO | N/A | 1 | ND | mg/Kg | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 109 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5224-1
Site / Project ID: Not Reported
Run ID: R2806
Collection Date: Not Reported
Received Date: 22-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|----|
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 09:55 | | | | | | | |
| Workgroup Number: WG5224 | | | | | | | |
| GRO | N/A | 1 | ND | mg/Kg | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 108 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
 Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
 Project Number: Not Reported
 Sample ID: WG5225-1
 Site / Project ID: Not Reported
 Run ID: R2807
 Collection Date: Not Reported
 Received Date: 22-DEC-95
 Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 19-DEC-95 | | | | | | | |
| Analysis Date: 19-DEC-95 09:31 | | | | | | | |
| Workgroup Number: WG5225 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/Kg | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 106 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5226-1
Site / Project ID: Not Reported
Run ID: R2807
Collection Date: Not Reported
Received Date: 22-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 10:09 | | | | | | | |
| Workgroup Number: WG5226 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/Kg | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 109 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5227-1
Site / Project ID: Not Reported
Run ID: R2807
Collection Date: Not Reported
Received Date: 22-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 09:55 | | | | | | | |
| Workgroup Number: WG5227 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/Kg | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 108 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5240-1
Site / Project ID: Not Reported
Run ID: R2821
Collection Date: Not Reported
Received Date: 27-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|----|
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 16:05 | | | | | | | |
| Workgroup Number: WG5240 | | | | | | | |
| GRO | N/A | 1 | ND | mg/Kg | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 108 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5241-1
Site / Project ID: Not Reported
Run ID: R2821
Collection Date: Not Reported
Received Date: 27-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|----|
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 22-DEC-95 | | | | | | | |
| Analysis Date: 22-DEC-95 09:42 | | | | | | | |
| Workgroup Number: WG5241 | | | | | | | |
| GRO | N/A | 1 | ND | mg/Kg | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 112 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5242-1
Site / Project ID: Not Reported
Run ID: R2821
Collection Date: Not Reported
Received Date: 27-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|----|
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | |
| Analysis Date: 26-DEC-95 10:13 | | | | | | | |
| Workgroup Number: WG5242 | | | | | | | |
| GRO | N/A | 1 | ND | mg/Kg | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 103 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5244-1
Site / Project ID: Not Reported
Run ID: R2823
Collection Date: Not Reported
Received Date: 27-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 16:05 | | | | | | | |
| Workgroup Number: WG5244 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/Kg | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 108 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5246-1
Site / Project ID: Not Reported
Run ID: R2823
Collection Date: Not Reported
Received Date: 27-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 22-DEC-95 | | | | | | | |
| Analysis Date: 22-DEC-95 09:42 | | | | | | | |
| Workgroup Number: WG5246 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/Kg | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 112 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5247-1
Site / Project ID: Not Reported
Run ID: R2823
Collection Date: Not Reported
Received Date: 27-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | |
| Analysis Date: 26-DEC-95 10:13 | | | | | | | |
| Workgroup Number: WG5247 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/Kg | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 103 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5256-1
Site / Project ID: Not Reported
Run ID: R2839
Collection Date: Not Reported
Received Date: 29-DEC-95
Report Date: 29-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Methods 5030/8020 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 09:29 | | | | | | | |
| Workgroup Number: WG5256 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/L | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/L | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/L | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 105 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5257-1
Site / Project ID: Not Reported
Run ID: R2839
Collection Date: Not Reported
Received Date: 29-DEC-95
Report Date: 29-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Methods 5030/8020 | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 09:36 | | | | | | | |
| Workgroup Number: WG5257 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/L | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/L | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/L | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 100 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5258-1
Site / Project ID: Not Reported
Run ID: R2840
Collection Date: Not Reported
Received Date: 29-DEC-95
Report Date: 29-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--|-----------|-----|--------------|-------|------|-----|----|
| SW846 Method 5030/8015 Mod. Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 09:29 Workgroup Number: WG5258 | | | | | | | |
| GRO | N/A | 1 | ND | mg/L | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 105 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5259-1
Site / Project ID: Not Reported
Run ID: R2840
Collection Date: Not Reported
Received Date: 29-DEC-95
Report Date: 29-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--|-----------|-----|--------------|-------|------|-----|----|
| SW846 Method 5030/8015 Mod. Preparation Date: 28-DEC-95 Analysis Date: 28-DEC-95 09:36 Workgroup Number: WG5259 | | | | | | | |
| GRO | N/A | 1 | ND | mg/L | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 100 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: WG5336-2
Run Id: R2908
GALP Record Id: Not Reported
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | LCS Add | LCSD Add | Units | LCS %REC | LCSD %REC | LCS/LCSD RPD | QUAL (1) |
|--------------------------------|----------|-----------|------------|-----------|---------|----------|-------|----------|-----------|--------------|----------|
| VOAs by GC/MS | | | | | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | | | | | |
| Analysis Date: 27-DEC-95 20:57 | | | | | | | | | | | |
| Workgroup Number: WG5336 | | | | | | | | | | | |
| Benzene | 71-43-2 | 76 | 127 | 13 | 50 | 50 | ug/Kg | 98 | 98 | 0 | --- |
| Chlorobenzene | 108-90-7 | 75 | 130 | 13 | 50 | 50 | ug/Kg | 102 | 102 | 0 | --- |
| 1,1-Dichloroethene | 75-35-4 | 61 | 145 | 14 | 50 | 50 | ug/Kg | 106 | 106 | 0 | --- |
| Toluene | 108-88-3 | 59 | 139 | 21 | 50 | 50 | ug/Kg | 90 | 92 | 2 | --- |
| Trichloroethene | 79-01-6 | 62 | 137 | 24 | 50 | 50 | ug/Kg | 106 | 108 | 2 | --- |

Note:
Report Approved By: Randy Greaves

Note:
Technical Review By: Ty Garber

(1) QUAL
"Limits"
"LCS, SD Add"
"LCS, %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

- * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the LCS or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
- Not Reported

vvsb9512271

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: W65338-2
Run Id: R2912
GALP Record Id: Not Reported
Preparation Date: 26-DEC-95
Analysis Date: 26-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | LCS Add | LCSD Add | Units | LCS %REC | LCSD %REC | LCS/LCSD RPD | QUAL (1) |
|--------------------------------|----------|-----------|------------|-----------|---------|----------|-------|----------|-----------|--------------|----------|
| VOAs by GC/MS | | | | | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | | | | | |
| Analysis Date: 26-DEC-95 22:57 | | | | | | | | | | | |
| Workgroup Number: W65338 | | | | | | | | | | | |
| Benzene | 71-43-2 | 76 | 127 | 13 | 50 | 50 | ug/Kg | 94 | 96 | 2 | --- |
| Chlorobenzene | 108-90-7 | 75 | 130 | 13 | 50 | 50 | ug/Kg | 86 | 90 | 5 | --- |
| 1,1-Dichloroethene | 75-35-4 | 61 | 145 | 14 | 50 | 50 | ug/Kg | 86 | 86 | 0 | --- |
| Toluene | 108-88-3 | 59 | 139 | 21 | 50 | 50 | ug/Kg | 88 | 90 | 2 | --- |
| Trichloroethene | 79-01-6 | 62 | 137 | 24 | 50 | 50 | ug/Kg | 80 | 82 | 2 | --- |

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
"Limits"
"LCS, SD Add"
"LCS %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

* = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the LCS or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
- Not Reported

wsb9512261

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: WG5222-2
Run Id: R2806
GALP Record Id: Not Reported
Preparation Date: 19-DEC-95
Analysis Date: 19-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | LCS Add | LCSD Add | Units | LCS %REC | LCSD %REC | LCS/LCSD RPD | QUAL (1) |
|---|---------|-----------|------------|-----------|---------|----------|-------|----------|-----------|--------------|----------|
| SW846 Method 5030/8015M Preparation Date: 19-DEC-95 Analysis Date: 19-DEC-95 08:12 Workgroup Number: WG5222 GRO | N/A | 70 | 130 | 25 | 5 | 5 | mg/Kg | 103 | 106 | 3 | --- |

Note:
Report Approved By: Randy Greaves

Technical Review By: Ty Garber

(1) QUAL
 "Limits"
 "LCS,SD Add"
 "LCS %REC"
 "LCSD %REC"
 "LCS/LCSD RPD"
 NR

* = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
 - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 - The conc. of analyte added to the LCS or LCSD sample.
 - Laboratory Control Sample Percent Recovery
 - Laboratory Control Sample Duplicate Percent Recovery
 - Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
 - Not Reported

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: WG5225-2
Run Id: R2807
GALP Record Id: Not Reported
Preparation Date: 19-DEC-95
Analysis Date: 19-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | LCS Add | LCSD Add | Units | LCS %REC | LCSD %REC | LCS/LCSD RPD | QUAL (1) |
|--------------------------------|----------|-----------|------------|-----------|---------|----------|-------|----------|-----------|--------------|----------|
| SW846 Method 5030/8020 | | | | | | | | | | | |
| Preparation Date: 19-DEC-95 | | | | | | | | | | | |
| Analysis Date: 19-DEC-95 08:52 | | | | | | | | | | | |
| Workgroup Number: WG5225 | | | | | | | | | | | |
| Benzene | 71-43-2 | 66 | 142 | 21 | 20 | 20 | ug/Kg | 101 | 87 | 15 | --- |
| Ethylbenzene | 100-41-4 | 55 | 150 | 25 | 20 | 20 | ug/Kg | 106 | 102 | 4 | --- |
| Toluene | 108-88-3 | 59 | 139 | 21 | 20 | 20 | ug/Kg | 107 | 107 | 0 | --- |
| (m,p)-Xylene | 108-38-3 | 55 | 150 | 25 | 40 | 40 | ug/Kg | 107 | 104 | 3 | --- |
| o-Xylene | 95-47-6 | 55 | 150 | 25 | 20 | 20 | ug/Kg | 103 | 101 | 2 | --- |

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
"Limits"
"LCS, SD Add"
"LCS %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

- * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the LCS or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
- Not Reported

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: WG5240-2
Run Id: R2821
GALP Record Id: Not Reported
Preparation Date: 21-DEC-95
Analysis Date: 21-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | LCS Add | LCSD Add | Units | LCS %REC | LCSD %REC | LCS/LCSD RPD | QUAL (1) |
|---|---------|-----------|------------|-----------|---------|----------|-------|----------|-----------|--------------|----------|
| SW846 Method 5030/8015M Preparation Date: 21-DEC-95 Analysis Date: 21-DEC-95 14:43 Workgroup Number: WG5240 GRO | N/A | 70 | 130 | 25 | 5 | 5 | mg/Kg | 101 | 89 | 13 | --- |

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
- * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the LCS or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
NR

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: W65244-2
Run Id: R2823
GALP Record Id: Not Reported
Preparation Date: 21-DEC-95
Analysis Date: 21-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | LCS Add | LCSD Add | Units | LCS %REC | LCSD %REC | LCS/LCSD RPD | QUAL (1) |
|--------------|----------|-----------|------------|-----------|---------|----------|-------|----------|-----------|--------------|----------|
| Benzene | 71-43-2 | 66 | 142 | 21 | 20 | 20 | ug/Kg | 97 | 100 | 3 | --- |
| Ethylbenzene | 100-41-4 | 55 | 150 | 25 | 20 | 20 | ug/Kg | 107 | 104 | 3 | --- |
| Toluene | 108-88-3 | 59 | 139 | 21 | 20 | 20 | ug/Kg | 107 | 109 | 2 | --- |
| (m,p)-Xylene | 108-38-3 | 55 | 150 | 25 | 40 | 40 | ug/Kg | 108 | 107 | 1 | --- |
| o-Xylene | 95-47-6 | 55 | 150 | 25 | 20 | 20 | ug/Kg | 104 | 101 | 3 | --- |

SW846 Method 5030/8020

Preparation Date: 21-DEC-95

Analysis Date: 21-DEC-95 15:24

Workgroup Number: W65244

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
"Limits"
"LCS, SD Add"
"LCS %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

- * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the LCS or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
- Not Reported

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: WG5256-2
Run Id: R2839
GALP Record Id: Not Reported
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95
Report Date: 29-DEC-95

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | LCS Add | LCSD Add | Units | LCS %REC | LCSD %REC | LCS/LCSD RPD | QUAL (1) |
|--------------|----------|-----------|------------|-----------|---------|----------|-------|----------|-----------|--------------|----------|
| Benzene | 71-43-2 | 76 | 127 | 20 | 20 | 20 | ug/L | 92 | 101 | 9 | --- |
| Ethylbenzene | 100-41-4 | 70 | 140 | 20 | 20 | 20 | ug/L | 98 | 102 | 4 | --- |
| Toluene | 108-88-3 | 76 | 125 | 20 | 20 | 20 | ug/L | 100 | 103 | 3 | --- |
| (m,p)-Xylene | 108-38-3 | 70 | 140 | 20 | 40 | 40 | ug/L | 100 | 104 | 4 | --- |
| o-Xylene | 95-47-6 | 70 | 140 | 20 | 20 | 20 | ug/L | 95 | 96 | 1 | --- |

SW846 Methods 5030/8020
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95 08:50
Workgroup Number: WG5256

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
- * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the LCS or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
NR
- Not Reported

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: W65258-2
Run Id: R2840
GALP Record Id: Not Reported
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95
Report Date: 29-DEC-95

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | LCS Add | LCSD Add | Units | LCS %REC | LCSD %REC | LCS/LCSD RPD | QUAL (1) |
|---|---------|-----------|------------|-----------|---------|----------|-------|----------|-----------|--------------|----------|
| SW846 Method 5030/8015 Mod. Preparation Date: 27-DEC-95 Analysis Date: 27-DEC-95 08:10 Workgroup Number: W65258 GRO | N/A | 70 | 130 | 25 | 5 | 5 | mg/L | 89 | 100 | 12 | --- |

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
"Limits"
"LCS, SD Add"
"LCS %REC"
"LCSD %REC"
"LCS/LCSD RPD"
NR

- * = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the LCS or LCSD sample.
- Laboratory Control Sample Percent Recovery
- Laboratory Control Sample Duplicate Percent Recovery
- Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
- Not Reported

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: Hydrologic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: W65336-4
Run Id: R2908
GALP Record Id: Not Reported
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | MS Add | MSD Add | Units | Sample Conc | MS %REC | MSD %REC | MS/MSD RPD | QUAL (1) |
|--------------------------------|----------|-----------|------------|-----------|--------|---------|-------|-------------|---------|----------|------------|----------|
| VOAs by GC/MS | | | | | | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | | | | | | |
| Analysis Date: 27-DEC-95 22:16 | | | | | | | | | | | | |
| Workgroup Number: W65336 | | | | | | | | | | | | |
| Benzene | 71-43-2 | 76 | 127 | 13 | 100 | 100 | ug/Kg | ND | 89 | 99 | 11 | ---- |
| Chlorobenzene | 108-90-7 | 75 | 130 | 13 | 100 | 100 | ug/Kg | ND | 95 | 93 | 2 | ---- |
| 1,1-Dichloroethene | 75-35-4 | 61 | 145 | 14 | 100 | 100 | ug/Kg | ND | 110 | 120 | 9 | ---- |
| Toluene | 108-88-3 | 59 | 139 | 21 | 100 | 100 | ug/Kg | 5.8 | 78 | 82 | 5 | ---- |
| Trichloroethene | 79-01-6 | 62 | 137 | 24 | 100 | 100 | ug/Kg | ND | 95 | 90 | 5 | ---- |

Note:
Report Approved By: Randy Greaves

Note:
Technical Review By: Ty Garber

- * = MS Outside Control Limits; # = MSD Outside Control Limits; a = RPD Outside Control Limits; i-i = Value Within Control Limits
- i = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
- The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
- Matrix Spike Percent Recovery
- Matrix Spike Duplicate Percent Recovery
- Matrix Spike Duplicate Relative Percent Difference
- Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
- Not Reported
- Analyte "Not Detected" above the method detection limit.

12397-56ms

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: W65338-4
Run Id: R2912
GALP Record Id: Not Reported
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | MS Add | MSD Add | Units | Sample Conc | MS %REC | MSD %REC | MS/MSD RPD | QUAL (1) |
|--------------------------------|----------|-----------|------------|-----------|--------|---------|-------|-------------|---------|----------|------------|----------|
| VOAs by GC/MS | | | | | | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | | | | | | |
| Analysis Date: 27-DEC-95 00:17 | | | | | | | | | | | | |
| Workgroup Number: W65338 | | | | | | | | | | | | |
| Benzene | 71-43-2 | 76 | 127 | 13 | 100 | 100 | ug/Kg | 13 | 107 | 87 | 21 | --a- |
| Chlorobenzene | 108-90-7 | 75 | 130 | 13 | 100 | 100 | ug/Kg | ND | 92 | 87 | 6 | ---- |
| 1,1-Dichloroethene | 75-35-4 | 61 | 145 | 14 | 100 | 100 | ug/Kg | ND | 94 | 91 | 3 | ---- |
| Toluene | 108-88-3 | 59 | 139 | 21 | 100 | 100 | ug/Kg | 7.4 | 103 | 86 | 18 | ---- |
| Trichloroethene | 79-01-6 | 62 | 137 | 24 | 100 | 100 | ug/Kg | ND | 88 | 80 | 10 | ---- |

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

- (1) QUAL
- (1) QUAL
- "Limits"
- "MS, MSD Add"
- "Sample Conc"
- "MS %REC"
- "MSD %REC"
- "MS/MSD RPD"
- NR
- ND
- * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits; ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
- The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
- Matrix Spike Percent Recovery
- Matrix Spike Duplicate Percent Recovery
- Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
- Not Reported
- Analyte "Not Detected" above the method detection limit.

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: WG5222-4
Run Id: R2806
GALP Record Id: Not Reported
Preparation Date: 19-DEC-95
Analysis Date: 19-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | MS Add | MSD Add | Units | Sample Conc | MS %REC | MSD %REC | MS/MSD RPD | QUAL (1) |
|---------|---------|-----------|------------|-----------|--------|---------|-------|-------------|---------|----------|------------|----------|
| GRO | N/A | 70 | 130 | 25 | 5 | 5 | mg/Kg | ND | 74 | 85 | 14 | ---- |

SW846 Method 5030/8015M
Preparation Date: 19-DEC-95
Analysis Date: 19-DEC-95 12:52
Workgroup Number: WG5222

Note:
Report Approved By: Randy Greaves

Note:
Technical Review By: Ty Garber

- (1) QUAL
- * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits; T-I = Value Within Control Limits
 - I = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
 - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
 - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
 - Matrix Spike Percent Recovery
 - Matrix Spike Duplicate Percent Recovery
 - Matrix Spike Duplicate Relative Percent Difference
 - Not Reported
 - Analyte "Not Detected" above the method detection limit.
- NR
ND

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: W65225-4
Run Id: R2807
GALP Record Id: Not Reported
Preparation Date: 19-DEC-95
Analysis Date: 19-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | MS Add | MSD Add | Units | Sample Conc | MS %REC | MSD %REC | MS/MSD RPD | QUAL (1) |
|--------------------------------|----------|-----------|------------|-----------|--------|---------|-------|-------------|---------|----------|------------|----------|
| SW846 Method 5030/8020 | | | | | | | | | | | | |
| Preparation Date: 19-DEC-95 | | | | | | | | | | | | |
| Analysis Date: 19-DEC-95 10:51 | | | | | | | | | | | | |
| Workgroup Number: W65225 | | | | | | | | | | | | |
| Benzene | 71-43-2 | 66 | 142 | 21 | 20 | 20 | ug/Kg | ND | 101 | 94 | 7 | --- |
| Ethylbenzene | 100-41-4 | 55 | 150 | 25 | 20 | 20 | ug/Kg | ND | 105 | 98 | 7 | --- |
| Toluene | 108-88-3 | 59 | 139 | 21 | 20 | 20 | ug/Kg | ND | 105 | 97 | 8 | --- |
| (m,p)-Xylene | 108-38-3 | 55 | 150 | 25 | 40 | 40 | ug/Kg | ND | 105 | 99 | 6 | --- |
| o-Xylene | 95-47-6 | 55 | 150 | 25 | 20 | 20 | ug/Kg | ND | 100 | 94 | 6 | --- |

Note:
Report Approved By: Randy Greaves

Note:
Technical Review By: Ty Garber

- (1) QUAL - * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits; ! = Value Within Control Limits
- (1) QUAL - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
- "Limits" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- "MS, MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
- "Sample Conc" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
- "MS %REC" - Matrix Spike Percent Recovery
- "MSD %REC" - Matrix Spike Duplicate Percent Recovery
- "MS/MSD RPD" - Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
- NR - Not Reported
- ND - Analyte "Not Detected" above the method detection limit.

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: Hydrologic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: W65240-4
Run Id: R2821
GALP Record Id: Not Reported
Preparation Date: 22-DEC-95
Analysis Date: 22-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | MS Add | MSD Add | Units | Sample Conc | MS %REC | MSD %REC | MS/MSD RPD | QUAL (1) |
|---------|---------|-----------|------------|-----------|--------|---------|-------|-------------|---------|----------|------------|----------|
|---------|---------|-----------|------------|-----------|--------|---------|-------|-------------|---------|----------|------------|----------|

SW846 Method 5030/8015M
Preparation Date: 22-DEC-95
Analysis Date: 22-DEC-95 11:41
Workgroup Number: W65240
GRO

| | | | | | | | | | | | | |
|-----|--|----|-----|----|---|---|-------|-----|----|----|---|------|
| N/A | | 70 | 130 | 25 | 5 | 5 | mg/Kg | .11 | 77 | 79 | 3 | ---- |
|-----|--|----|-----|----|---|---|-------|-----|----|----|---|------|

Note:
Report Approved By: Randy Greaves

Technical Review By: Ty Garber

- (1) QUAL
 - (1) QUAL
 - "Limits"
 - "MS, MSD Add"
 - "Sample Conc"
 - "MS %REC"
 - "MSD %REC"
 - "MS/MSD RPD"
 - NR
 - ND
- * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits; ! = Value Within Control Limits
! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
- The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
- Matrix Spike Percent Recovery
- Matrix Spike Duplicate Percent Recovery
- Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
- Not Reported
- Analyte "Not Detected" above the method detection limit.

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: W65244-4
Run Id: R2823
GALP Record Id: Not Reported
Preparation Date: 21-DEC-95
Analysis Date: 21-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | MS Add | MSD Add | Units | Sample Conc | MS %REC | MSD %REC | MS/MSD RPD | QUAL (1) |
|--------------|----------|-----------|------------|-----------|--------|---------|-------|-------------|---------|----------|------------|----------|
| Benzene | 71-43-2 | 66 | 142 | 21 | 20 | 20 | ug/Kg | ND | 106 | 102 | 4 | ---- |
| Ethylbenzene | 100-41-4 | 55 | 150 | 25 | 20 | 20 | ug/Kg | ND | 116 | 116 | 0 | ---- |
| Toluene | 108-88-3 | 59 | 139 | 21 | 20 | 20 | ug/Kg | ND | 116 | 123 | 6 | ---- |
| (m,p)-Xylene | 108-38-3 | 55 | 150 | 25 | 40 | 40 | ug/Kg | ND | 119 | 122 | 2 | ---- |
| o-Xylene | 95-47-6 | 55 | 150 | 25 | 20 | 20 | ug/Kg | ND | 114 | 110 | 4 | ---- |

SW846 Method 5030/8020
Preparation Date: 21-DEC-95
Analysis Date: 21-DEC-95 17:26
Workgroup Number: W65244

Note:
Technical Review By: Ty Garber
Report Approved By: Randy Greaves

- (1) QUAL
- * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits
 - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
 - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
 - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
 - Matrix Spike Percent Recovery
 - Matrix Spike Duplicate Percent Recovery
 - Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
 - Not Reported
 - Analyte "Not Detected" above the method detection limit.

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: W65256-4
Run Id: R2839
GALP Record Id: Not Reported
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95
Report Date: 29-DEC-95

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | MS Add | MSD Add | Units | Sample Conc | MS %REC | MSD %REC | MS/MSD RPD | QUAL (1) |
|--------------|----------|-----------|------------|-----------|--------|---------|-------|-------------|---------|----------|------------|----------|
| Benzene | 71-43-2 | 76 | 127 | 20 | 20 | 20 | ug/L | ND | 98 | 100 | 2 | ---- |
| Ethylbenzene | 100-41-4 | 70 | 140 | 20 | 20 | 20 | ug/L | ND | 102 | 102 | 0 | ---- |
| Toluene | 108-88-3 | 76 | 125 | 20 | 20 | 20 | ug/L | 1.76 | 98 | 100 | 2 | ---- |
| (m,p)-Xylene | 108-38-3 | 70 | 140 | 20 | 40 | 40 | ug/L | 2.68 | 98 | 99 | 1 | ---- |
| o-Xylene | 95-47-6 | 70 | 140 | 20 | 20 | 20 | ug/L | 1.85 | 89 | 90 | 1 | ---- |

SW846 Methods 5030/8020
Preparation Date: 27-DEC-95
Analysis Date: 27-DEC-95 10:47
Workgroup Number: W65256

Note:
Report Approved By: Randy Greaves

Technical Review By: Ty Garber

- (1) QUAL - * = MS Outside Control Limits; # = MSD Outside Control Limits; a = RPD Outside Control Limits; i-i' = Value Within Control Limits
(1) QUAL - i = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
"Limits" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
"MS, MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
"Sample Conc" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
"MS %REC" - Matrix Spike Percent Recovery
"MSD %REC" - Matrix Spike Duplicate Percent Recovery
"MS/MSD RPD" - Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
NR - Not Reported
ND - Analyte "Not Detected" above the method detection limit.

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: W65259-2
Run Id: R2840
GALP Record Id: Not Reported
Preparation Date: 28-DEC-95
Analysis Date: 28-DEC-95
Report Date: 29-DEC-95

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | MS Add | MSD Add | Units | Sample Conc | MS %REC | MSD %REC | MS/MSD RPD | QUAL (1) |
|---------|---------|-----------|------------|-----------|--------|---------|-------|-------------|---------|----------|------------|----------|
| GRO | N/A | 70 | 130 | 25 | 5 | 5 | mg/L | 6.85 | 123 | 111 | 10 | ---- |

SW846 Method 5030/8015 Mod.
Preparation Date: 28-DEC-95
Analysis Date: 28-DEC-95 12:55
Workgroup Number: W65259

Note:
Technical Review By: Ty Garber
Report Approved By: Randy Greaves

- (1) QUAL - * = MS Outside Control Limits; # = MSD Outside Control Limits; @ = RPD Outside Control Limits; ! = Value Within Control Limits
(1) QUAL - ! = The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
"Limits" - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
"MS, MSD Add" - The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
"Sample Conc" - The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
"MS %REC" - Matrix Spike Percent Recovery
"MSD %REC" - Matrix Spike Duplicate Percent Recovery
"MS/MSD RPD" - Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
NR - Not Reported
ND - Analyte "Not Detected" above the method detection limit.

FINAL
RESULTS

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 9511213-01
Project Number: BANG FUELING AREA
Sample ID: L2397-1
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 19-DEC-95 | | | | | | | |
| Analysis Date: 19-DEC-95 15:37 | | | | | | | |
| Workgroup Number: WG5333 | | | | | | | |
| Acetone | 67-64-1 | 1 | ND | ug/L | U | .5 | 100 |
| Acetonitrile | 75-05-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrolein | 107-02-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrylonitrile | 107-13-1 | 1 | ND | ug/L | U | .5 | 100 |
| Allyl chloride | 107-05-1 | 1 | ND | ug/L | U | .5 | 5 |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .05 | 1 |
| Benzyl chloride | 100-44-7 | 1 | ND | ug/L | U | .5 | 100 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/L | U | .64 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/L | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/L | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/L | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/L | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/L | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/L | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/L | U | 2 | 10 |
| Chloroprene | 126-99-8 | 1 | ND | ug/L | U | .5 | 5 |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 1 | ND | ug/L | U | .61 | 100 |
| 1,2-Dibromoethane | 106-93-4 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromomethane | 74-95-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| 1,4-Dichloro-2-butene | 764-41-0 | 1 | ND | ug/L | U | .5 | 100 |
| Dichlorodifluoromethane | 75-71-8 | 1 | ND | ug/L | U | .43 | 10 |
| 1,1-Dichloroethane | 75-35-3 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/L | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/L | U | .48 | 5 |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | ND | ug/L | U | .55 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/L | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/L | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/L | U | .78 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 9511213-01
Project Number: BANG FUELING AREA
Sample ID: L2397-1
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/L | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .75 | 5 |
| Ethyl methacrylate | 97-63-2 | 1 | ND | ug/L | U | .5 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/L | U | .5 | 50 |
| Isobutyl alcohol | 78-83-1 | 1 | ND | ug/L | U | .5 | 100 |
| Methacrylonitrile | 126-98-7 | 1 | ND | ug/L | U | .5 | 100 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/L | U | .75 | 5 |
| Methyl iodide | 74-88-4 | 1 | ND | ug/L | U | .5 | 5 |
| Methyl methacrylate | 80-62-6 | 1 | ND | ug/L | U | .5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/L | U | .5 | 50 |
| Pentachloroethane | 76-01-7 | 1 | ND | ug/L | U | .5 | 10 |
| Propionitrile | 107-12-0 | 1 | ND | ug/L | U | .5 | 100 |
| Styrene | 100-42-5 | 1 | ND | ug/L | U | .72 | 5 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1 | ND | ug/L | U | .45 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/L | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/L | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | 1.76 | ug/L | | .22 | 1 |
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/L | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/L | U | .42 | 5 |
| 1,2,3-Trichloropropane | 96-18-4 | 1 | ND | ug/L | U | 1.1 | 5 |
| Vinyl acetate | 108-05-4 | 1 | ND | ug/L | U | .5 | 50 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/L | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 100 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 101 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 105 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 9511213-01
Project Number: BANG FUELING AREA
Sample ID: L2397-1
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Methods 5030/8020 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 10:08 | | | | | | | |
| Workgroup Number: WG5256 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | 1.76 | ug/L | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 2.68 | ug/L | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 1.85 | ug/L | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 105 | % | | | |
| SW846 Method 5030/8015 Mod. | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 10:08 | | | | | | | |
| Workgroup Number: WG5258 | | | | | | | |
| GRO | N/A | 1 | ND | mg/L | U | .05 | 1 |
| Bromofluorobenzene | SURROGATE | 1 | 105 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-0
Project Number: BANG FUELING AREA
Sample ID: L2397-2
Site / Project ID: LOCATION 1 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 01:36 | | | | | | | |
| Workgroup Number: WG5338 | | | | | | | |
| Acetone | 67-64-1 | 2 | 58 | ug/Kg | J | 1 | 200 |
| Benzene | 71-43-2 | 2 | 13 | ug/Kg | | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | 14 | ug/Kg | | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | 7.4 | ug/Kg | J | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-0
Project Number: BANG FUELING AREA
Sample ID: L2397-2
Site / Project ID: LOCATION 1 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | 79 | ug/Kg | | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 101 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 100 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 103 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-0
Project Number: BANG FUELING AREA
Sample ID: L2397-2
Site / Project ID: LOCATION 1 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 19-DEC-95 | | | | | | | |
| Analysis Date: 19-DEC-95 14:10 | | | | | | | |
| Workgroup Number: WG5225 | | | | | | | |
| Benzene | 71-43-2 | 1 | 29.3 | ug/Kg | | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 23.5 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 19.4 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 102 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 25.3 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 112 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 19-DEC-95 | | | | | | | |
| Analysis Date: 19-DEC-95 14:10 | | | | | | | |
| Workgroup Number: WG5222 | | | | | | | |
| GRO | N/A | 1 | 3.1 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 112 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-4
Project Number: BANG FUELING AREA
Sample ID: L2397-3
Site / Project ID: LOCATION 1 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 16:01 | | | | | | | |
| Workgroup Number: WG5339 | | | | | | | |
| Acetone | 67-64-1 | 2 | ND | ug/Kg | U | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-4
Project Number: BANG FUELING AREA
Sample ID: L2397-3
Site / Project ID: LOCATION 1 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 114 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 95 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 103 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F1-4
Project Number: BANG FUELING AREA
Sample ID: L2397-3
Site / Project ID: LOCATION 1 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 19-DEC-95 | | | | | | | |
| Analysis Date: 19-DEC-95 14:49 | | | | | | | |
| Workgroup Number: WG5225 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/Kg | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 105 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 19-DEC-95 | | | | | | | |
| Analysis Date: 19-DEC-95 14:49 | | | | | | | |
| Workgroup Number: WG5222 | | | | | | | |
| GRO | N/A | 1 | ND | mg/Kg | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 105 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F2-0
Project Number: BANG FUELING AREA
Sample ID: L2397-6
Site / Project ID: LOCATION 2 0-2 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

SW846 Method 8240

Preparation Date: 29-DEC-95

Analysis Date: 29-DEC-95 16:22

Workgroup Number: WG5339

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| Acetone | 67-64-1 | 2 | ND | ug/Kg | U | 1 | 200 |
| Benzene | 71-43-2 | 2 | 150 | ug/Kg | | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 125 | 920 | ug/Kg | | 94 | 630 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 125 | 2600 | ug/Kg | | 110 | 630 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F2-0
Project Number: BANG FUELING AREA
Sample ID: L2397-6
Site / Project ID: LOCATION 2 0-2 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|-----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 125 | 5700 | ug/Kg | | 63 | 630 |
| Dibromofluoromethane | SURROGATE | 1 | 95 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 84 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 131 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F2-0
Project Number: BANG FUELING AREA
Sample ID: L2397-6
Site / Project ID: LOCATION 2 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|------|--------------|-------|------|-----|------|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 20:38 | | | | | | | |
| Workgroup Number: WG5226 | | | | | | | |
| Benzene | 71-43-2 | 1250 | 2190 | ug/Kg | | 63 | 1300 |
| Ethylbenzene | 100-41-4 | 1250 | 7230 | ug/Kg | | 99 | 1300 |
| Toluene | 108-88-3 | 1250 | 9850 | ug/Kg | | 270 | 1300 |
| (m,p)-Xylene | 108-38-3 | 1250 | 35200 | ug/Kg | | 370 | 2500 |
| o-Xylene | 95-47-6 | 1250 | 9060 | ug/Kg | | 130 | 1300 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 104 | % | | | |

| | | | | | | | |
|--------------------------------|-----------|------|------|-------|--|----|-----|
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 20:38 | | | | | | | |
| Workgroup Number: WG5223 | | | | | | | |
| GRO | N/A | 1250 | 1140 | mg/Kg | | 63 | 130 |
| Bromofluorobenzene | SURROGATE | 1 | 104 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F2-4
Project Number: BANG FUELING AREA
Sample ID: L2397-7
Site / Project ID: LOCATION 2 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 17:18 | | | | | | | |
| Workgroup Number: WG5339 | | | | | | | |
| Acetone | 67-64-1 | 2 | 22 | ug/Kg | J | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F2-4
Project Number: BANG FUELING AREA
Sample ID: L2397-7
Site / Project ID: LOCATION 2 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | 6 | ug/Kg | J | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 101 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 85 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 95 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F2-4
Project Number: BANG FUELING AREA
Sample ID: L2397-7
Site / Project ID: LOCATION 2 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 11:41 | | | | | | | |
| Workgroup Number: WG5226 | | | | | | | |
| Benzene | 71-43-2 | 1 | 1.49 | ug/Kg | | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 2.12 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 3.95 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 6.59 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 2.72 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 78 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 11:41 | | | | | | | |
| Workgroup Number: WG5223 | | | | | | | |
| GRO | N/A | 1 | .28 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 78 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F3-0
Project Number: BANG FUELING AREA
Sample ID: L2397-10
Site / Project ID: LOCATION 3 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|------|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 02:15 | | | | | | | |
| Workgroup Number: WG5338 | | | | | | | |
| Acetone | 67-64-1 | 10 | 380 | ug/Kg | J | 5 | 1000 |
| Benzene | 71-43-2 | 10 | 320 | ug/Kg | | 3.9 | 50 |
| Bromodichloromethane | 75-27-4 | 10 | ND | ug/Kg | U | 5 | 50 |
| Bromoform | 75-25-2 | 10 | ND | ug/Kg | U | 4.7 | 50 |
| Bromomethane | 74-83-9 | 10 | ND | ug/Kg | U | 4.9 | 100 |
| 2-Butanone | 78-93-3 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Carbon disulfide | 75-15-0 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Carbon tetrachloride | 56-23-5 | 10 | ND | ug/Kg | U | 14 | 50 |
| Chlorobenzene | 108-90-7 | 10 | ND | ug/Kg | U | 4.4 | 50 |
| Chlorodibromomethane | 124-48-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| Chloroethane | 75-00-3 | 10 | ND | ug/Kg | U | 5.4 | 100 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 10 | ND | ug/Kg | U | 5 | 100 |
| Chloroform | 67-66-3 | 10 | ND | ug/Kg | U | 14 | 50 |
| Chloromethane | 74-87-3 | 10 | ND | ug/Kg | U | 20 | 100 |
| 1,2-Dichlorobenzene | 95-50-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,3-Dichlorobenzene | 541-73-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,4-Dichlorobenzene | 106-46-7 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,1-Dichloroethane | 75-34-3 | 10 | ND | ug/Kg | U | 17 | 50 |
| 1,2-Dichloroethane | 107-06-2 | 10 | ND | ug/Kg | U | 21 | 50 |
| 1,1-Dichloroethene | 75-35-4 | 10 | ND | ug/Kg | U | 4.8 | 50 |
| trans-1,2-Dichloroethene | 156-60-5 | 10 | ND | ug/Kg | U | 5.5 | 50 |
| 1,2-Dichloropropane | 78-87-5 | 10 | ND | ug/Kg | U | 5.1 | 50 |
| cis-1,3-Dichloropropene | 10061-01-5 | 10 | ND | ug/Kg | U | 7.8 | 50 |
| trans-1,3-Dichloropropene | 10061-02-6 | 10 | ND | ug/Kg | U | 5.5 | 50 |
| Ethylbenzene | 100-41-4 | 10 | 380 | ug/Kg | | 7.5 | 50 |
| 2-Hexanone | 591-78-6 | 10 | ND | ug/Kg | U | 5 | 500 |
| Methylene chloride | 75-09-2 | 10 | ND | ug/Kg | U | 7.5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 10 | ND | ug/Kg | U | 5 | 500 |
| Styrene | 100-42-5 | 10 | ND | ug/Kg | U | 7.2 | 50 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 10 | ND | ug/Kg | U | 6.3 | 50 |
| Tetrachloroethene | 127-18-4 | 10 | ND | ug/Kg | U | 4.9 | 50 |
| Toluene | 108-88-3 | 10 | 1300 | ug/Kg | | 8.5 | 50 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F3-0
Project Number: BANG FUELING AREA
Sample ID: L2397-10
Site / Project ID: LOCATION 3 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 10 | ND | ug/Kg | U | 17 | 50 |
| 1,1,2-Trichloroethane | 79-00-5 | 10 | ND | ug/Kg | U | 12 | 50 |
| Trichloroethene | 79-01-6 | 10 | ND | ug/Kg | U | 4.2 | 50 |
| Trichlorofluoromethane | 75-69-4 | 10 | ND | ug/Kg | U | 5 | 50 |
| Vinyl chloride | 75-01-4 | 10 | ND | ug/Kg | U | 4.7 | 20 |
| Xylene (Total) | 1330-20-7 | 10 | 2200 | ug/Kg | | 5 | 50 |
| Dibromofluoromethane | SURROGATE | 1 | 94 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 104 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 94 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F3-0
Project Number: BANG FUELING AREA
Sample ID: L2397-10
Site / Project ID: LOCATION 3 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|-----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 00:02 | | | | | | | |
| Workgroup Number: WG5226 | | | | | | | |
| Benzene | 71-43-2 | 125 | 613 | ug/Kg | | 6.3 | 130 |
| Ethylbenzene | 100-41-4 | 125 | 2260 | ug/Kg | | 9.9 | 130 |
| Toluene | 108-88-3 | 125 | 3040 | ug/Kg | | 27 | 130 |
| (m,p)-Xylene | 108-38-3 | 125 | 10300 | ug/Kg | | 37 | 250 |
| o-Xylene | 95-47-6 | 125 | 2420 | ug/Kg | | 13 | 130 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 140 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 00:02 | | | | | | | |
| Workgroup Number: WG5223 | | | | | | | |
| GRO | N/A | 125 | 985 | mg/Kg | | 6.3 | 13 |
| Bromofluorobenzene | SURROGATE | 1 | 140 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F3-4
Project Number: BANG FUELING AREA
Sample ID: L2397-11
Site / Project ID: LOCATION 3 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 03:34 | | | | | | | |
| Workgroup Number: WG5338 | | | | | | | |
| Acetone | 67-64-1 | 2 | ND | ug/Kg | U | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F3-4
Project Number: BANG FUELING AREA
Sample ID: L2397-11
Site / Project ID: LOCATION 3 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 106 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 113 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 99 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
 Prepared By: HydroLogic Laboratories, Inc.

Client ID: F3-4
 Project Number: BANG FUELING AREA
 Sample ID: L2397-11
 Site / Project ID: LOCATION 3 4-6 FT DE
 Run ID: R2807
 Collection Date: 13-DEC-95
 Received Date: 15-DEC-95
 Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 12:20 | | | | | | | |
| Workgroup Number: WG5226 | | | | | | | |
| Benzene | 71-43-2 | 1 | 1.48 | ug/Kg | | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 2.1 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 4.79 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 8.05 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 3.79 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 86 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 12:20 | | | | | | | |
| Workgroup Number: WG5223 | | | | | | | |
| GRO | N/A | 1 | .2 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 86 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F4-0
Project Number: BANG FUELING AREA
Sample ID: L2397-14
Site / Project ID: LOCATION 4 0-2 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|------|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 19:09 | | | | | | | |
| Workgroup Number: WG5338 | | | | | | | |
| Acetone | 67-64-1 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Benzene | 71-43-2 | 10 | 150 | ug/Kg | | 3.9 | 50 |
| Bromodichloromethane | 75-27-4 | 10 | ND | ug/Kg | U | 5 | 50 |
| Bromoform | 75-25-2 | 10 | ND | ug/Kg | U | 4.7 | 50 |
| Bromomethane | 74-83-9 | 10 | ND | ug/Kg | U | 4.9 | 100 |
| 2-Butanone | 78-93-3 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Carbon disulfide | 75-15-0 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Carbon tetrachloride | 56-23-5 | 10 | ND | ug/Kg | U | 14 | 50 |
| Chlorobenzene | 108-90-7 | 10 | ND | ug/Kg | U | 4.4 | 50 |
| Chlorodibromomethane | 124-48-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| Chloroethane | 75-00-3 | 10 | ND | ug/Kg | U | 5.4 | 100 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 10 | ND | ug/Kg | U | 5 | 100 |
| Chloroform | 67-66-3 | 10 | ND | ug/Kg | U | 14 | 50 |
| Chloromethane | 74-87-3 | 10 | ND | ug/Kg | U | 20 | 100 |
| 1,2-Dichlorobenzene | 95-50-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,3-Dichlorobenzene | 541-73-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,4-Dichlorobenzene | 106-46-7 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,1-Dichloroethane | 75-34-3 | 10 | ND | ug/Kg | U | 17 | 50 |
| 1,2-Dichloroethane | 107-06-2 | 10 | ND | ug/Kg | U | 21 | 50 |
| 1,1-Dichloroethene | 75-35-4 | 10 | ND | ug/Kg | U | 4.8 | 50 |
| trans-1,2-Dichloroethene | 156-60-5 | 10 | ND | ug/Kg | U | 5.5 | 50 |
| 1,2-Dichloropropane | 78-87-5 | 10 | ND | ug/Kg | U | 5.1 | 50 |
| cis-1,3-Dichloropropene | 10061-01-5 | 10 | ND | ug/Kg | U | 7.8 | 50 |
| trans-1,3-Dichloropropene | 10061-02-6 | 10 | ND | ug/Kg | U | 5.5 | 50 |
| Ethylbenzene | 100-41-4 | 10 | 580 | ug/Kg | | 7.5 | 50 |
| 2-Hexanone | 591-78-6 | 10 | ND | ug/Kg | U | 5 | 500 |
| Methylene chloride | 75-09-2 | 10 | ND | ug/Kg | U | 7.5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 10 | ND | ug/Kg | U | 5 | 500 |
| Styrene | 100-42-5 | 10 | ND | ug/Kg | U | 7.2 | 50 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 10 | ND | ug/Kg | U | 6.3 | 50 |
| Tetrachloroethene | 127-18-4 | 10 | ND | ug/Kg | U | 4.9 | 50 |
| Toluene | 108-88-3 | 125 | 1100 | ug/Kg | | 110 | 630 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: F4-0
Project Number: BANG FUELING AREA
Sample ID: L2397-14
Site / Project ID: LOCATION 4 0-2 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|-----|
| 1,1,1-Trichloroethane | 71-55-6 | 10 | ND | ug/Kg | U | 17 | 50 |
| 1,1,2-Trichloroethane | 79-00-5 | 10 | ND | ug/Kg | U | 12 | 50 |
| Trichloroethene | 79-01-6 | 10 | ND | ug/Kg | U | 4.2 | 50 |
| Trichlorofluoromethane | 75-69-4 | 10 | ND | ug/Kg | U | 5 | 50 |
| Vinyl chloride | 75-01-4 | 10 | ND | ug/Kg | U | 4.7 | 20 |
| Xylene (Total) | 1330-20-7 | 125 | 4800 | ug/Kg | | 63 | 630 |
| Dibromofluoromethane | SURROGATE | 1 | 70 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 68 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 122 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F4-0
Project Number: BANG FUELING AREA
Sample ID: L2397-14
Site / Project ID: LOCATION 4 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|-----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 12:03 | | | | | | | |
| Workgroup Number: WG5227 | | | | | | | |
| Benzene | 71-43-2 | 250 | 635 | ug/Kg | | 13 | 250 |
| Ethylbenzene | 100-41-4 | 250 | 2930 | ug/Kg | | 20 | 250 |
| Toluene | 108-88-3 | 250 | 4260 | ug/Kg | | 54 | 250 |
| (m,p)-Xylene | 108-38-3 | 250 | 15900 | ug/Kg | | 75 | 500 |
| o-Xylene | 95-47-6 | 250 | 4610 | ug/Kg | | 25 | 250 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 166 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 12:03 | | | | | | | |
| Workgroup Number: WG5224 | | | | | | | |
| GRO | N/A | 250 | 1080 | mg/Kg | | 13 | 25 |
| Bromofluorobenzene | SURROGATE | 1 | 166 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F4-4
Project Number: BANG FUELING AREA
Sample ID: L2397-15
Site / Project ID: LOCATION 4 4-6 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|------|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 29-DEC-95 | | | | | | | |
| Analysis Date: 29-DEC-95 14:16 | | | | | | | |
| Workgroup Number: WG5339 | | | | | | | |
| Acetone | 67-64-1 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Benzene | 71-43-2 | 10 | 610 | ug/Kg | | 3.9 | 50 |
| Bromodichloromethane | 75-27-4 | 10 | ND | ug/Kg | U | 5 | 50 |
| Bromoform | 75-25-2 | 10 | ND | ug/Kg | U | 4.7 | 50 |
| Bromomethane | 74-83-9 | 10 | ND | ug/Kg | U | 4.9 | 100 |
| 2-Butanone | 78-93-3 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Carbon disulfide | 75-15-0 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Carbon tetrachloride | 56-23-5 | 10 | ND | ug/Kg | U | 14 | 50 |
| Chlorobenzene | 108-90-7 | 10 | ND | ug/Kg | U | 4.4 | 50 |
| Chlorodibromomethane | 124-48-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| Chloroethane | 75-00-3 | 10 | ND | ug/Kg | U | 5.4 | 100 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 10 | ND | ug/Kg | U | 5 | 100 |
| Chloroform | 67-66-3 | 10 | ND | ug/Kg | U | 14 | 50 |
| Chloromethane | 74-87-3 | 10 | ND | ug/Kg | U | 20 | 100 |
| 1,2-Dichlorobenzene | 95-50-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,3-Dichlorobenzene | 541-73-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,4-Dichlorobenzene | 106-46-7 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,1-Dichloroethane | 75-34-3 | 10 | ND | ug/Kg | U | 17 | 50 |
| 1,2-Dichloroethane | 107-06-2 | 10 | ND | ug/Kg | U | 21 | 50 |
| 1,1-Dichloroethene | 75-35-4 | 10 | ND | ug/Kg | U | 4.8 | 50 |
| trans-1,2-Dichloroethene | 156-60-5 | 10 | ND | ug/Kg | U | 5.5 | 50 |
| 1,2-Dichloropropane | 78-87-5 | 10 | ND | ug/Kg | U | 5.1 | 50 |
| cis-1,3-Dichloropropene | 10061-01-5 | 10 | ND | ug/Kg | U | 7.8 | 50 |
| trans-1,3-Dichloropropene | 10061-02-6 | 10 | ND | ug/Kg | U | 5.5 | 50 |
| Ethylbenzene | 100-41-4 | 125 | 1500 | ug/Kg | | 94 | 630 |
| 2-Hexanone | 591-78-6 | 10 | ND | ug/Kg | U | 5 | 500 |
| Methylene chloride | 75-09-2 | 10 | ND | ug/Kg | U | 7.5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 10 | ND | ug/Kg | U | 5 | 500 |
| Styrene | 100-42-5 | 10 | ND | ug/Kg | U | 7.2 | 50 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 10 | ND | ug/Kg | U | 6.3 | 50 |
| Tetrachloroethene | 127-18-4 | 10 | ND | ug/Kg | U | 4.9 | 50 |
| Toluene | 108-88-3 | 125 | 4100 | ug/Kg | | 110 | 630 |

Review By: Ty Garber

Report Approved By: Randy Greaves

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 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F4-4
Project Number: BANG FUELING AREA
Sample ID: L2397-15
Site / Project ID: LOCATION 4 4-6 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|-----|
| 1,1,1-Trichloroethane | 71-55-6 | 10 | ND | ug/Kg | U | 17 | 50 |
| 1,1,2-Trichloroethane | 79-00-5 | 10 | ND | ug/Kg | U | 12 | 50 |
| Trichloroethene | 79-01-6 | 10 | ND | ug/Kg | U | 4.2 | 50 |
| Trichlorofluoromethane | 75-69-4 | 10 | ND | ug/Kg | U | 5 | 50 |
| Vinyl chloride | 75-01-4 | 10 | ND | ug/Kg | U | 4.7 | 20 |
| Xylene (Total) | 1330-20-7 | 125 | 9100 | ug/Kg | | 63 | 630 |
| Dibromofluoromethane | SURROGATE | 1 | 99 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 114 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 118 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F4-4
Project Number: BANG FUELING AREA
Sample ID: L2397-15
Site / Project ID: LOCATION 4 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|-----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 16:32 | | | | | | | |
| Workgroup Number: WG5226 | | | | | | | |
| Benzene | 71-43-2 | 125 | 614 | ug/Kg | | 6.3 | 130 |
| Ethylbenzene | 100-41-4 | 125 | 2620 | ug/Kg | | 9.9 | 130 |
| Toluene | 108-88-3 | 125 | 5300 | ug/Kg | | 27 | 130 |
| (m,p)-Xylene | 108-38-3 | 125 | 13400 | ug/Kg | | 37 | 250 |
| o-Xylene | 95-47-6 | 125 | 3310 | ug/Kg | | 13 | 130 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 149 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 16:32 | | | | | | | |
| Workgroup Number: WG5223 | | | | | | | |
| GRO | N/A | 125 | 620 | mg/Kg | | 6.3 | 13 |
| Bromofluorobenzene | SURROGATE | 1 | 149 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F5-0
Project Number: BANG FUELING AREA
Sample ID: L2397-18
Site / Project ID: LOCATION 5 0-2FT DEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 15:22 | | | | | | | |
| Workgroup Number: WG5339 | | | | | | | |
| Acetone | 67-64-1 | 2 | ND | ug/Kg | U | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F5-0
Project Number: BANG FUELING AREA
Sample ID: L2397-18
Site / Project ID: LOCATION 5 0-2FT DEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 99 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 92 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 109 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F5-0
Project Number: BANG FUELING AREA
Sample ID: L2397-18
Site / Project ID: LOCATION 5 0-2FT DEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 13:41 | | | | | | | |
| Workgroup Number: WG5226 | | | | | | | |
| Benzene | 71-43-2 | 10 | ND | ug/Kg | U | .5 | 10 |
| Ethylbenzene | 100-41-4 | 10 | 39.8 | ug/Kg | | .79 | 10 |
| Toluene | 108-88-3 | 10 | 18.8 | ug/Kg | | 2.2 | 10 |
| (m,p)-Xylene | 108-38-3 | 10 | 48.8 | ug/Kg | | 3 | 20 |
| o-Xylene | 95-47-6 | 10 | 102 | ug/Kg | | 1 | 10 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 122 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 13:41 | | | | | | | |
| Workgroup Number: WG5223 | | | | | | | |
| GRO | N/A | 10 | 5.5 | mg/Kg | | .5 | 1 |
| Bromofluorobenzene | SURROGATE | 1 | 122 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F5-4
Project Number: BANG FUELING AREA
Sample ID: L2397-19
Site / Project ID: LOCATION 5 4-6FT DEP
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|------|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 29-DEC-95 | | | | | | | |
| Analysis Date: 29-DEC-95 15:43 | | | | | | | |
| Workgroup Number: W65339 | | | | | | | |
| Acetone | 67-64-1 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Benzene | 71-43-2 | 10 | 390 | ug/Kg | | 3.9 | 50 |
| Bromodichloromethane | 75-27-4 | 10 | ND | ug/Kg | U | 5 | 50 |
| Bromoform | 75-25-2 | 10 | ND | ug/Kg | U | 4.7 | 50 |
| Bromomethane | 74-83-9 | 10 | ND | ug/Kg | U | 4.9 | 100 |
| 2-Butanone | 78-93-3 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Carbon disulfide | 75-15-0 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Carbon tetrachloride | 56-23-5 | 10 | ND | ug/Kg | U | 14 | 50 |
| Chlorobenzene | 108-90-7 | 10 | ND | ug/Kg | U | 4.4 | 50 |
| Chlorodibromomethane | 124-48-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| Chloroethane | 75-00-3 | 10 | ND | ug/Kg | U | 5.4 | 100 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 10 | ND | ug/Kg | U | 5 | 100 |
| Chloroform | 67-66-3 | 10 | ND | ug/Kg | U | 14 | 50 |
| Chloromethane | 74-87-3 | 10 | ND | ug/Kg | U | 20 | 100 |
| 1,2-Dichlorobenzene | 95-50-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,3-Dichlorobenzene | 541-73-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,4-Dichlorobenzene | 106-46-7 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,1-Dichloroethane | 75-34-3 | 10 | ND | ug/Kg | U | 17 | 50 |
| 1,2-Dichloroethane | 107-06-2 | 10 | ND | ug/Kg | U | 21 | 50 |
| 1,1-Dichloroethene | 75-35-4 | 10 | ND | ug/Kg | U | 4.8 | 50 |
| trans-1,2-Dichloroethene | 156-60-5 | 10 | ND | ug/Kg | U | 5.5 | 50 |
| 1,2-Dichloropropane | 78-87-5 | 10 | ND | ug/Kg | U | 5.1 | 50 |
| cis-1,3-Dichloropropene | 10061-01-5 | 10 | ND | ug/Kg | U | 7.8 | 50 |
| trans-1,3-Dichloropropene | 10061-02-6 | 10 | ND | ug/Kg | U | 5.5 | 50 |
| Ethylbenzene | 100-41-4 | 10 | 1900 | ug/Kg | | 7.5 | 50 |
| 2-Hexanone | 591-78-6 | 10 | ND | ug/Kg | U | 5 | 500 |
| Methylene chloride | 75-09-2 | 10 | ND | ug/Kg | U | 7.5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 10 | ND | ug/Kg | U | 5 | 500 |
| Styrene | 100-42-5 | 10 | ND | ug/Kg | U | 7.2 | 50 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 10 | ND | ug/Kg | U | 6.3 | 50 |
| Tetrachloroethene | 127-18-4 | 10 | ND | ug/Kg | U | 4.9 | 50 |
| Toluene | 108-88-3 | 125 | 7600 | ug/Kg | | 110 | 630 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F5-4
Project Number: BANG FUELING AREA
Sample ID: L2397-19
Site / Project ID: LOCATION 5 4-6FT DEP
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|-----|
| 1,1,1-Trichloroethane | 71-55-6 | 10 | ND | ug/Kg | U | 17 | 50 |
| 1,1,2-Trichloroethane | 79-00-5 | 10 | ND | ug/Kg | U | 12 | 50 |
| Trichloroethene | 79-01-6 | 10 | ND | ug/Kg | U | 4.2 | 50 |
| Trichlorofluoromethane | 75-69-4 | 10 | ND | ug/Kg | U | 5 | 50 |
| Vinyl chloride | 75-01-4 | 10 | ND | ug/Kg | U | 4.7 | 20 |
| Xylene (Total) | 1330-20-7 | 125 | 18000 | ug/Kg | | 63 | 630 |
| Dibromofluoromethane | SURROGATE | 1 | 98 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 102 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 100 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F5-4
Project Number: BANG FUELING AREA
Sample ID: L2397-19
Site / Project ID: LOCATION 5 4-6FT DEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|------|--------------|-------|------|-----|------|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 12:44 | | | | | | | |
| Workgroup Number: WG5227 | | | | | | | |
| Benzene | 71-43-2 | 1250 | 2530 | ug/Kg | | 63 | 1300 |
| Ethylbenzene | 100-41-4 | 1250 | 8810 | ug/Kg | | 99 | 1300 |
| Toluene | 108-88-3 | 1250 | 18000 | ug/Kg | | 270 | 1300 |
| (m,p)-Xylene | 108-38-3 | 1250 | 44700 | ug/Kg | | 370 | 2500 |
| o-Xylene | 95-47-6 | 1250 | 11200 | ug/Kg | | 130 | 1300 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 127 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 12:44 | | | | | | | |
| Workgroup Number: WG5224 | | | | | | | |
| GRO | N/A | 1250 | 1300 | mg/Kg | | 63 | 130 |
| Bromofluorobenzene | SURROGATE | 1 | 127 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F6-0
Project Number: BANG FUELING AREA
Sample ID: L2397-22
Site / Project ID: LOCATION 6 0-2 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

SW846 Method 8240

Preparation Date: 29-DEC-95

Analysis Date: 29-DEC-95 14:55

Workgroup Number: WG5339

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|------|
| Acetone | 67-64-1 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Benzene | 71-43-2 | 10 | 300 | ug/Kg | | 3.9 | 50 |
| Bromodichloromethane | 75-27-4 | 10 | ND | ug/Kg | U | 5 | 50 |
| Bromoform | 75-25-2 | 10 | ND | ug/Kg | U | 4.7 | 50 |
| Bromomethane | 74-83-9 | 10 | ND | ug/Kg | U | 4.9 | 100 |
| 2-Butanone | 78-93-3 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Carbon disulfide | 75-15-0 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Carbon tetrachloride | 56-23-5 | 10 | ND | ug/Kg | U | 14 | 50 |
| Chlorobenzene | 108-90-7 | 10 | ND | ug/Kg | U | 4.4 | 50 |
| Chlorodibromomethane | 124-48-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| Chloroethane | 75-00-3 | 10 | ND | ug/Kg | U | 5.4 | 100 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 10 | ND | ug/Kg | U | 5 | 100 |
| Chloroform | 67-66-3 | 10 | ND | ug/Kg | U | 14 | 50 |
| Chloromethane | 74-87-3 | 10 | ND | ug/Kg | U | 20 | 100 |
| 1,2-Dichlorobenzene | 95-50-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,3-Dichlorobenzene | 541-73-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,4-Dichlorobenzene | 106-46-7 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,1-Dichloroethane | 75-34-3 | 10 | ND | ug/Kg | U | 17 | 50 |
| 1,2-Dichloroethane | 107-06-2 | 10 | ND | ug/Kg | U | 21 | 50 |
| 1,1-Dichloroethene | 75-35-4 | 10 | ND | ug/Kg | U | 4.8 | 50 |
| trans-1,2-Dichloroethene | 156-60-5 | 10 | ND | ug/Kg | U | 5.5 | 50 |
| 1,2-Dichloropropane | 78-87-5 | 10 | ND | ug/Kg | U | 5.1 | 50 |
| cis-1,3-Dichloropropene | 10061-01-5 | 10 | ND | ug/Kg | U | 7.8 | 50 |
| trans-1,3-Dichloropropene | 10061-02-6 | 10 | ND | ug/Kg | U | 5.5 | 50 |
| Ethylbenzene | 100-41-4 | 10 | 750 | ug/Kg | | 7.5 | 50 |
| 2-Hexanone | 591-78-6 | 10 | ND | ug/Kg | U | 5 | 500 |
| Methylene chloride | 75-09-2 | 10 | ND | ug/Kg | U | 7.5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 10 | ND | ug/Kg | U | 5 | 500 |
| Styrene | 100-42-5 | 10 | ND | ug/Kg | U | 7.2 | 50 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 10 | ND | ug/Kg | U | 6.3 | 50 |
| Tetrachloroethene | 127-18-4 | 10 | ND | ug/Kg | U | 4.9 | 50 |
| Toluene | 108-88-3 | 125 | 3500 | ug/Kg | | 110 | 630 |

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
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- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F6-0
Project Number: BANG FUELING AREA
Sample ID: L2397-22
Site / Project ID: LOCATION 6 0-2 FT DE
Run ID: R2912
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|-----|
| 1,1,1-Trichloroethane | 71-55-6 | 10 | ND | ug/Kg | U | 17 | 50 |
| 1,1,2-Trichloroethane | 79-00-5 | 10 | ND | ug/Kg | U | 12 | 50 |
| Trichloroethene | 79-01-6 | 10 | ND | ug/Kg | U | 4.2 | 50 |
| Trichlorofluoromethane | 75-69-4 | 10 | ND | ug/Kg | U | 5 | 50 |
| Vinyl chloride | 75-01-4 | 10 | ND | ug/Kg | U | 4.7 | 20 |
| Xylene (Total) | 1330-20-7 | 125 | 13000 | ug/Kg | | 63 | 630 |
| Dibromofluoromethane | SURROGATE | 1 | 92 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 99 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 95 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F6-0
Project Number: BANG FUELING AREA
Sample ID: L2397-22
Site / Project ID: LOCATION 6 0-2 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|------|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 13:23 | | | | | | | |
| Workgroup Number: WG5227 | | | | | | | |
| Benzene | 71-43-2 | 500 | 1660 | ug/Kg | | 25 | 500 |
| Ethylbenzene | 100-41-4 | 500 | 6540 | ug/Kg | | 40 | 500 |
| Toluene | 108-88-3 | 500 | 11200 | ug/Kg | | 110 | 500 |
| (m,p)-Xylene | 108-38-3 | 500 | 35700 | ug/Kg | | 150 | 1000 |
| o-Xylene | 95-47-6 | 500 | 9950 | ug/Kg | | 51 | 500 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 136 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 13:23 | | | | | | | |
| Workgroup Number: WG5224 | | | | | | | |
| GRO | N/A | 500 | 1640 | mg/Kg | | 25 | 50 |
| Bromofluorobenzene | SURROGATE | 1 | 136 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F6-4
Project Number: BANG FUELING AREA
Sample ID: L2397-23
Site / Project ID: LOCATION 6 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 08:47 | | | | | | | |
| Workgroup Number: WG5338 | | | | | | | |
| Acetone | 67-64-1 | 1 | 30 | ug/Kg | J | .5 | 100 |
| Benzene | 71-43-2 | 1 | 2 | ug/Kg | J | .39 | 5 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/Kg | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/Kg | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/Kg | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/Kg | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/Kg | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/Kg | U | 2 | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,3-Dichlorobenzene | 541-73-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,4-Dichlorobenzene | 106-46-7 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,1-Dichloroethane | 75-34-3 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/Kg | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/Kg | U | .48 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/Kg | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/Kg | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/Kg | U | .78 | 5 |
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/Kg | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .75 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/Kg | U | .5 | 50 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/Kg | U | .75 | 5 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/Kg | U | .5 | 50 |
| Styrene | 100-42-5 | 1 | ND | ug/Kg | U | .72 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/Kg | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/Kg | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | 3.5 | ug/Kg | J | .85 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F6-4
Project Number: BANG FUELING AREA
Sample ID: L2397-23
Site / Project ID: LOCATION 6 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/Kg | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/Kg | U | .42 | 5 |
| Trichlorofluoromethane | 75-69-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/Kg | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | 2.4 | ug/Kg | J | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 105 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 111 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 99 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F6-4
Project Number: BANG FUELING AREA
Sample ID: L2397-23
Site / Project ID: LOCATION 6 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 13:00 | | | | | | | |
| Workgroup Number: WG5226 | | | | | | | |
| Benzene | 71-43-2 | 1 | 7.42 | ug/Kg | | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 1.86 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 9.51 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 5.45 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 2.4 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 92 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 13:00 | | | | | | | |
| Workgroup Number: WG5223 | | | | | | | |
| GRO | N/A | 1 | .15 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 92 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F7-0
Project Number: BANG FUELING AREA
Sample ID: L2397-26
Site / Project ID: LOCATION 7 0-2 FTDEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

SW846 Method 8240

Preparation Date: 27-DEC-95

Analysis Date: 27-DEC-95 08:08

Workgroup Number: WG5338

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| Acetone | 67-64-1 | 1 | 45 | ug/Kg | J | .5 | 100 |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .39 | 5 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/Kg | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/Kg | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/Kg | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/Kg | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/Kg | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/Kg | U | 2 | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,3-Dichlorobenzene | 541-73-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,4-Dichlorobenzene | 106-46-7 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,1-Dichloroethane | 75-34-3 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/Kg | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/Kg | U | .48 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/Kg | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/Kg | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/Kg | U | .78 | 5 |
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/Kg | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .75 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/Kg | U | .5 | 50 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/Kg | U | .75 | 5 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/Kg | U | .5 | 50 |
| Styrene | 100-42-5 | 1 | ND | ug/Kg | U | .72 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/Kg | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/Kg | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .85 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F7-0
Project Number: BANG FUELING AREA
Sample ID: L2397-26
Site / Project ID: LOCATION 7 0-2 FTDEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/Kg | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/Kg | U | .42 | 5 |
| Trichlorofluoromethane | 75-69-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/Kg | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | 4.9 | ug/Kg | J | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 97 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 86 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 95 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F7-0
Project Number: BANG FUELING AREA
Sample ID: L2397-26
Site / Project ID: LOCATION 7 0-2 FTDEP
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 10:43 | | | | | | | |
| Workgroup Number: WG5227 | | | | | | | |
| Benzene | 71-43-2 | 1 | 2.5 | ug/Kg | | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 2.91 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 5.87 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 16 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 5.97 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 76 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 10:43 | | | | | | | |
| Workgroup Number: WG5224 | | | | | | | |
| GRO | N/A | 1 | .44 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 76 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F7-4
Project Number: BANG FUELING AREA
Sample ID: L2397-27
Site / Project ID: LOCATION 7 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 07:29 | | | | | | | |
| Workgroup Number: WG5338 | | | | | | | |
| Acetone | 67-64-1 | 1 | 14 | ug/Kg | J | .5 | 100 |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .39 | 5 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/Kg | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/Kg | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/Kg | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/Kg | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/Kg | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/Kg | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/Kg | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/Kg | U | .2 | 10 |
| 1,2-Dichlorobenzene | 95-50-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,3-Dichlorobenzene | 541-73-1 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,4-Dichlorobenzene | 106-46-7 | 1 | ND | ug/Kg | U | .5 | 5 |
| 1,1-Dichloroethane | 75-34-3 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/Kg | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/Kg | U | .48 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/Kg | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/Kg | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/Kg | U | .78 | 5 |
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/Kg | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .75 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/Kg | U | .5 | 50 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/Kg | U | .75 | 5 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/Kg | U | .5 | 50 |
| Styrene | 100-42-5 | 1 | ND | ug/Kg | U | .72 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/Kg | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/Kg | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .85 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F7-4
Project Number: BANG FUELING AREA
Sample ID: L2397-27
Site / Project ID: LOCATION 7 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/Kg | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/Kg | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/Kg | U | .42 | 5 |
| Trichlorofluoromethane | 75-69-4 | 1 | ND | ug/Kg | U | .5 | 5 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/Kg | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | ND | ug/Kg | U | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 99 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 99 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 85 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F7-4
Project Number: BANG FUELING AREA
Sample ID: L2397-27
Site / Project ID: LOCATION 7 4-6 FT DE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 00:19 | | | | | | | |
| Workgroup Number: WG5225 | | | | | | | |
| Benzene | 71-43-2 | 1 | 3.92 | ug/Kg | | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 4.23 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 6.85 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 11.1 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 4.07 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 89 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 00:19 | | | | | | | |
| Workgroup Number: WG5222 | | | | | | | |
| GRO | N/A | 1 | .39 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 89 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F9-0
Project Number: BANG FUELING AREA
Sample ID: L2397-34
Site / Project ID: LOCATION 9 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 06:11 | | | | | | | |
| Workgroup Number: WG5338 | | | | | | | |
| Acetone | 67-64-1 | 2 | ND | ug/Kg | U | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F9-0
Project Number: BANG FUELING AREA
Sample ID: L2397-34
Site / Project ID: LOCATION 9 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 96 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 94 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 88 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F9-0
Project Number: BANG FUELING AREA
Sample ID: L2397-34
Site / Project ID: LOCATION 9 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 22-DEC-95 | | | | | | | |
| Analysis Date: 22-DEC-95 11:01 | | | | | | | |
| Workgroup Number: WG5246 | | | | | | | |
| Benzene | 71-43-2 | 1 | 1.87 | ug/Kg | | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 3.59 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 12.1 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 14.5 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 5.47 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 94 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 22-DEC-95 | | | | | | | |
| Analysis Date: 22-DEC-95 11:01 | | | | | | | |
| Workgroup Number: WG5241 | | | | | | | |
| GRO | N/A | 1 | .26 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 94 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F10-0
Project Number: BANG FUELING AREA
Sample ID: L2397-38
Site / Project ID: LOCATION 10 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 04:13 | | | | | | | |
| Workgroup Number: WG5338 | | | | | | | |
| Acetone | 67-64-1 | 2 | ND | ug/Kg | U | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F10-0
Project Number: BANG FUELING AREA
Sample ID: L2397-38
Site / Project ID: LOCATION 10 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 88 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 94 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 99 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F10-0
Project Number: BANG FUELING AREA
Sample ID: L2397-38
Site / Project ID: LOCATION 10 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 22-DEC-95 | | | | | | | |
| Analysis Date: 22-DEC-95 12:21 | | | | | | | |
| Workgroup Number: WG5246 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 1.53 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 2.08 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 3.76 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 2.27 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 103 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 22-DEC-95 | | | | | | | |
| Analysis Date: 22-DEC-95 12:21 | | | | | | | |
| Workgroup Number: WG5241 | | | | | | | |
| GRO | N/A | 1 | .12 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 103 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: F10-14
Project Number: BANG FUELING AREA
Sample ID: L2397-41
Site / Project ID: LOCATION 10 14-16FTD
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 04:52 | | | | | | | |
| Workgroup Number: WG5338 | | | | | | | |
| Acetone | 67-64-1 | 2 | ND | ug/Kg | U | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F10-14
Project Number: BANG FUELING AREA
Sample ID: L2397-41
Site / Project ID: LOCATION 10 14-16FTD
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 123 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 120 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 110 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F10-14
Project Number: BANG FUELING AREA
Sample ID: L2397-41
Site / Project ID: LOCATION 10 14-16FTD
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 21:19 | | | | | | | |
| Workgroup Number: WG5226 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 3.03 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 94 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 20-DEC-95 | | | | | | | |
| Analysis Date: 20-DEC-95 21:19 | | | | | | | |
| Workgroup Number: WG5223 | | | | | | | |
| GRO | N/A | 1 | ND | mg/Kg | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 94 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F11-0
Project Number: BANG FUELING AREA
Sample ID: L2397-42
Site / Project ID: LOCATION 11 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 05:31 | | | | | | | |
| Workgroup Number: WG5338 | | | | | | | |
| Acetone | 67-64-1 | 2 | ND | ug/Kg | U | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F11-0
Project Number: BANG FUELING AREA
Sample ID: L2397-42
Site / Project ID: LOCATION 11 0-2 FTDE
Run ID: R2823
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 101 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 94 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 94 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
 Prepared By: HydroLogic Laboratories, Inc.

Client ID: F11-0
 Project Number: BANG FUELING AREA
 Sample ID: L2397-42
 Site / Project ID: LOCATION 11 0-2 FTDE
 Run ID: R2823
 Collection Date: 13-DEC-95
 Received Date: 15-DEC-95
 Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 22-DEC-95 | | | | | | | |
| Analysis Date: 22-DEC-95 13:00 | | | | | | | |
| Workgroup Number: WG5246 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 1.56 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 1.72 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 3.32 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 2.14 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 104 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 22-DEC-95 | | | | | | | |
| Analysis Date: 22-DEC-95 13:00 | | | | | | | |
| Workgroup Number: WG5241 | | | | | | | |
| GRO | N/A | 1 | .11 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 104 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F11-4
Project Number: BANG FUELING AREA
Sample ID: L2397-43
Site / Project ID: LOCATION 11 4-6 FTDE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|------|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 06:50 | | | | | | | |
| Workgroup Number: WG5338 | | | | | | | |
| Acetone | 67-64-1 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Benzene | 71-43-2 | 10 | ND | ug/Kg | U | 3.9 | 50 |
| Bromodichloromethane | 75-27-4 | 10 | ND | ug/Kg | U | 5 | 50 |
| Bromoform | 75-25-2 | 10 | ND | ug/Kg | U | 4.7 | 50 |
| Bromomethane | 74-83-9 | 10 | ND | ug/Kg | U | 4.9 | 100 |
| 2-Butanone | 78-93-3 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Carbon disulfide | 75-15-0 | 10 | ND | ug/Kg | U | 5 | 1000 |
| Carbon tetrachloride | 56-23-5 | 10 | ND | ug/Kg | U | 14 | 50 |
| Chlorobenzene | 108-90-7 | 10 | ND | ug/Kg | U | 4.4 | 50 |
| Chlorodibromomethane | 124-48-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| Chloroethane | 75-00-3 | 10 | ND | ug/Kg | U | 5.4 | 100 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 10 | ND | ug/Kg | U | 5 | 100 |
| Chloroform | 67-66-3 | 10 | ND | ug/Kg | U | 14 | 50 |
| Chloromethane | 74-87-3 | 10 | ND | ug/Kg | U | 20 | 100 |
| 1,2-Dichlorobenzene | 95-50-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,3-Dichlorobenzene | 541-73-1 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,4-Dichlorobenzene | 106-46-7 | 10 | ND | ug/Kg | U | 5 | 50 |
| 1,1-Dichloroethane | 75-34-3 | 10 | ND | ug/Kg | U | 17 | 50 |
| 1,2-Dichloroethane | 107-06-2 | 10 | ND | ug/Kg | U | 21 | 50 |
| 1,1-Dichloroethene | 75-35-4 | 10 | ND | ug/Kg | U | 4.8 | 50 |
| trans-1,2-Dichloroethene | 156-60-5 | 10 | ND | ug/Kg | U | 5.5 | 50 |
| 1,2-Dichloropropane | 78-87-5 | 10 | ND | ug/Kg | U | 5.1 | 50 |
| cis-1,3-Dichloropropene | 10061-01-5 | 10 | ND | ug/Kg | U | 7.8 | 50 |
| trans-1,3-Dichloropropene | 10061-02-6 | 10 | ND | ug/Kg | U | 5.5 | 50 |
| Ethylbenzene | 100-41-4 | 10 | 60 | ug/Kg | | 7.5 | 50 |
| 2-Hexanone | 591-78-6 | 10 | ND | ug/Kg | U | 5 | 500 |
| Methylene chloride | 75-09-2 | 10 | ND | ug/Kg | U | 7.5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 10 | ND | ug/Kg | U | 5 | 500 |
| Styrene | 100-42-5 | 10 | ND | ug/Kg | U | 7.2 | 50 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 10 | ND | ug/Kg | U | 6.3 | 50 |
| Tetrachloroethene | 127-18-4 | 10 | ND | ug/Kg | U | 4.9 | 50 |
| Toluene | 108-88-3 | 10 | 37 | ug/Kg | J | 8.5 | 50 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F11-4
Project Number: BANG FUELING AREA
Sample ID: L2397-43
Site / Project ID: LOCATION 11 4-6 FTDE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 10 | ND | ug/Kg | U | 17 | 50 |
| 1,1,2-Trichloroethane | 79-00-5 | 10 | ND | ug/Kg | U | 12 | 50 |
| Trichloroethene | 79-01-6 | 10 | ND | ug/Kg | U | 4.2 | 50 |
| Trichlorofluoromethane | 75-69-4 | 10 | ND | ug/Kg | U | 5 | 50 |
| Vinyl chloride | 75-01-4 | 10 | ND | ug/Kg | U | 4.7 | 20 |
| Xylene (Total) | 1330-20-7 | 10 | 530 | ug/Kg | | 5 | 50 |
| Dibromofluoromethane | SURROGATE | 1 | 98 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 79 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 97 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F11-4
Project Number: BANG FUELING AREA
Sample ID: L2397-43
Site / Project ID: LOCATION 11 4-6 FTDE
Run ID: R2807
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|------|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 14:02 | | | | | | | |
| Workgroup Number: WG5227 | | | | | | | |
| Benzene | 71-43-2 | 500 | 885 | ug/Kg | | 25 | 500 |
| Ethylbenzene | 100-41-4 | 500 | 2050 | ug/Kg | | 40 | 500 |
| Toluene | 108-88-3 | 500 | 5700 | ug/Kg | | 110 | 500 |
| (m,p)-Xylene | 108-38-3 | 500 | 7210 | ug/Kg | | 150 | 1000 |
| o-Xylene | 95-47-6 | 500 | 2250 | ug/Kg | | 51 | 500 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 128 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 14:02 | | | | | | | |
| Workgroup Number: WG5224 | | | | | | | |
| GRO | N/A | 500 | 605 | mg/Kg | | 25 | 50 |
| Bromofluorobenzene | SURROGATE | 1 | 128 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951213-02
Project Number: BANG FUELING AREA
Sample ID: L2397-46
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 19-DEC-95 | | | | | | | |
| Analysis Date: 19-DEC-95 16:55 | | | | | | | |
| Workgroup Number: WG5333 | | | | | | | |
| Acetone | 67-64-1 | 1 | 20 | ug/L | J | .5 | 100 |
| Acetonitrile | 75-05-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrolein | 107-02-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrylonitrile | 107-13-1 | 1 | ND | ug/L | U | .5 | 100 |
| Allyl chloride | 107-05-1 | 1 | ND | ug/L | U | .5 | 5 |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .39 | 5 |
| Benzyl chloride | 100-44-7 | 1 | ND | ug/L | U | .5 | 100 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/L | U | .64 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/L | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/L | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/L | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/L | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/L | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/L | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/L | U | 2 | 10 |
| Chloroprene | 126-99-8 | 1 | ND | ug/L | U | .5 | 5 |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 1 | ND | ug/L | U | .61 | 100 |
| 1,2-Dibromoethane | 106-93-4 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromomethane | 74-95-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| 1,4-Dichloro-2-butene | 764-41-0 | 1 | ND | ug/L | U | .5 | 100 |
| Dichlorodifluoromethane | 75-71-8 | 1 | ND | ug/L | U | .43 | 10 |
| 1,1-Dichloroethane | 75-35-3 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/L | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/L | U | .48 | 5 |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | ND | ug/L | U | .55 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/L | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/L | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/L | U | .78 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951213-02
Project Number: BANG FUELING AREA
Sample ID: L2397-46
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/L | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | 2 | ug/L | J | .75 | 5 |
| Ethyl methacrylate | 97-63-2 | 1 | ND | ug/L | U | .5 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/L | U | .5 | 50 |
| Isobutyl alcohol | 78-83-1 | 1 | ND | ug/L | U | .5 | 100 |
| Methacrylonitrile | 126-98-7 | 1 | ND | ug/L | U | .5 | 100 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/L | U | .75 | 5 |
| Methyl iodide | 74-88-4 | 1 | ND | ug/L | U | .5 | 5 |
| Methyl methacrylate | 80-62-6 | 1 | ND | ug/L | U | .5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/L | U | .5 | 50 |
| Pentachloroethane | 76-01-7 | 1 | ND | ug/L | U | .5 | 10 |
| Propionitrile | 107-12-0 | 1 | ND | ug/L | U | .5 | 100 |
| Styrene | 100-42-5 | 1 | ND | ug/L | U | .72 | 5 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1 | ND | ug/L | U | .45 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/L | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/L | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | 7 | ug/L | | .85 | 5 |
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/L | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/L | U | .42 | 5 |
| 1,2,3-Trichloropropane | 96-18-4 | 1 | ND | ug/L | U | 1.1 | 5 |
| Vinyl acetate | 108-05-4 | 1 | ND | ug/L | U | .5 | 50 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/L | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | 18 | ug/L | | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 99 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 104 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 93 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951213-02
Project Number: BANG FUELING AREA
Sample ID: L2397-46
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 13-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Methods 5030/8020 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 14:48 | | | | | | | |
| Workgroup Number: WG5256 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 1.56 | ug/L | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 1.68 | ug/L | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 5.22 | ug/L | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 3.26 | ug/L | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 74 | % | | | |
| SW846 Method 5030/8015 Mod. | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 14:48 | | | | | | | |
| Workgroup Number: WG5258 | | | | | | | |
| GRO | N/A | 1 | .24 | mg/L | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 74 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: BANG FUELING AREA
Sample ID: L2397-47
Site / Project ID: TRIP BLANK
Run ID: R2839
Collection Date: 12-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 19-DEC-95 | | | | | | | |
| Analysis Date: 19-DEC-95 16:16 | | | | | | | |
| Workgroup Number: WG5333 | | | | | | | |
| Acetone | 67-64-1 | 1 | ND | ug/L | U | .5 | 100 |
| Acetonitrile | 75-05-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrolein | 107-02-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrylonitrile | 107-13-1 | 1 | ND | ug/L | U | .5 | 100 |
| Allyl chloride | 107-05-1 | 1 | ND | ug/L | U | .5 | 5 |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .39 | 5 |
| Benzyl chloride | 100-44-7 | 1 | ND | ug/L | U | .5 | 100 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/L | U | .64 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/L | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/L | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/L | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/L | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/L | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/L | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/L | U | 2 | 10 |
| Chloroprene | 126-99-8 | 1 | ND | ug/L | U | .5 | 5 |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 1 | ND | ug/L | U | .61 | 100 |
| 1,2-Dibromoethane | 106-93-4 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromomethane | 74-95-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| 1,4-Dichloro-2-butene | 764-41-0 | 1 | ND | ug/L | U | .5 | 100 |
| Dichlorodifluoromethane | 75-71-8 | 1 | ND | ug/L | U | .43 | 10 |
| 1,1-Dichloroethane | 75-35-3 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/L | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/L | U | .48 | 5 |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | ND | ug/L | U | .55 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/L | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/L | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/L | U | .78 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: BANG FUELING AREA
Sample ID: L2397-47
Site / Project ID: TRIP BLANK
Run ID: R2839
Collection Date: 12-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/L | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .75 | 5 |
| Ethyl methacrylate | 97-63-2 | 1 | ND | ug/L | U | .5 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/L | U | .5 | 50 |
| Isobutyl alcohol | 78-83-1 | 1 | ND | ug/L | U | .5 | 100 |
| Methacrylonitrile | 126-98-7 | 1 | ND | ug/L | U | .5 | 100 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/L | U | .75 | 5 |
| Methyl iodide | 74-88-4 | 1 | ND | ug/L | U | .5 | 5 |
| Methyl methacrylate | 80-62-6 | 1 | ND | ug/L | U | .5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/L | U | .5 | 50 |
| Pentachloroethane | 76-01-7 | 1 | ND | ug/L | U | .5 | 10 |
| Propionitrile | 107-12-0 | 1 | ND | ug/L | U | .5 | 100 |
| Styrene | 100-42-5 | 1 | ND | ug/L | U | .72 | 5 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1 | ND | ug/L | U | .45 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/L | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/L | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/L | U | .85 | 5 |
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/L | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/L | U | .42 | 5 |
| 1,2,3-Trichloropropane | 96-18-4 | 1 | ND | ug/L | U | 1.1 | 5 |
| Vinyl acetate | 108-05-4 | 1 | ND | ug/L | U | .5 | 50 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/L | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 100 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 109 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 93 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: BANG FUELING AREA
Sample ID: L2397-47
Site / Project ID: TRIP BLANK
Run ID: R2839
Collection Date: 12-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Methods 5030/8020 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 16:48 | | | | | | | |
| Workgroup Number: WG5256 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/L | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/L | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/L | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 101 | % | | | |
| SW846 Method 5030/8015 Mod. | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 16:48 | | | | | | | |
| Workgroup Number: WG5258 | | | | | | | |
| GRO | N/A | 1 | ND | mg/L | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 101 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F15-0
Project Number: BANG FUELING AREA
Sample ID: L2397-48
Site / Project ID: LOCATION 15 0-2 FT D
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 02:49 | | | | | | | |
| Workgroup Number: WG5336 | | | | | | | |
| Acetone | 67-64-1 | 2 | 98 | ug/Kg | J | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F15-0
Project Number: BANG FUELING AREA
Sample ID: L2397-48
Site / Project ID: LOCATION 15 0-2 FT D
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | 5.3 | ug/Kg | J | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 118 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 100 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 104 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F15-0
Project Number: BANG FUELING AREA
Sample ID: L2397-48
Site / Project ID: LOCATION 15 0-2 FT D
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 22-DEC-95 | | | | | | | |
| Analysis Date: 22-DEC-95 13:41 | | | | | | | |
| Workgroup Number: WG5246 | | | | | | | |
| Benzene | 71-43-2 | 1 | 2.1 | ug/Kg | | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 1.79 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 1.74 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 5.7 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 1.95 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 74 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 22-DEC-95 | | | | | | | |
| Analysis Date: 22-DEC-95 13:41 | | | | | | | |
| Workgroup Number: WG5241 | | | | | | | |
| GRO | N/A | 1 | .17 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 74 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F15-9
Project Number: BANG FUELING AREA
Sample ID: L2397-50
Site / Project ID: LOCATION 15 9-11FT D
Run ID: R2807
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 02:10 | | | | | | | |
| Workgroup Number: WG5336 | | | | | | | |
| Acetone | 67-64-1 | 2 | 20 | ug/Kg | J | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0. | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F15-9
Project Number: BANG FUELING AREA
Sample ID: L2397-50
Site / Project ID: LOCATION 15 9-11FT D
Run ID: R2807
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 108 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 94 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 91 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F15-9
Project Number: BANG FUELING AREA
Sample ID: L2397-50
Site / Project ID: LOCATION 15 9-11FT D
Run ID: R2807
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 22-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 11:22 | | | | | | | |
| Workgroup Number: WG5227 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | 1.5 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 2.92 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 107 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 11:22 | | | | | | | |
| Workgroup Number: WG5224 | | | | | | | |
| GRO | N/A | 1 | .11 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 107 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F16-0
Project Number: BANG FUELING AREA
Sample ID: L2397-52
Site / Project ID: LOCATION 16 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 16:32 | | | | | | | |
| Workgroup Number: WG5337 | | | | | | | |
| Acetone | 67-64-1 | 2 | 26 | ug/Kg | J | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | 6 | ug/Kg | J | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F16-0
Project Number: BANG FUELING AREA
Sample ID: L2397-52
Site / Project ID: LOCATION 16 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | 54 | ug/Kg | | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 93 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 91 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 93 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F16-0
Project Number: BANG FUELING AREA
Sample ID: L2397-52
Site / Project ID: LOCATION 16 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | |
| Analysis Date: 26-DEC-95 10:59 | | | | | | | |
| Workgroup Number: WG5247 | | | | | | | |
| Benzene | 71-43-2 | 1 | 1.53 | ug/Kg | | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 4.59 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 3.58 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 38.5 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 3.7 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 59 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | |
| Analysis Date: 26-DEC-95 10:59 | | | | | | | |
| Workgroup Number: WG5242 | | | | | | | |
| GRO | N/A | 1 | .38 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 59 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F16-4
Project Number: BANG FUELING AREA
Sample ID: L2397-53
Site / Project ID: LOCATION 16 4-6 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

SW846 Method 8240

Preparation Date: 28-DEC-95

Analysis Date: 28-DEC-95 00:52

Workgroup Number: WG5336

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| Acetone | 67-64-1 | 2 | ND | ug/Kg | U | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F16-4
Project Number: BANG FUELING AREA
Sample ID: L2397-53
Site / Project ID: LOCATION 16 4-6 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | 5.7 | ug/Kg | J | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 110 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 100 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 91 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F16-4
Project Number: BANG FUELING AREA
Sample ID: L2397-53
Site / Project ID: LOCATION 16 4-6 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 20:50 | | | | | | | |
| Workgroup Number: WG5244 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 2.67 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 2.82 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 104 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 20:50 | | | | | | | |
| Workgroup Number: WG5240 | | | | | | | |
| GRO | N/A | 1 | .17 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 104 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F17-0
Project Number: BANG FUELING AREA
Sample ID: L2397-56
Site / Project ID: LOCATION 17 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 23:34 | | | | | | | |
| Workgroup Number: WG5336 | | | | | | | |
| Acetone | 67-64-1 | 2 | 29 | ug/Kg | J | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | 3.8 | ug/Kg | J | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | 5.8 | ug/Kg | J | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F17-0
Project Number: BANG FUELING AREA
Sample ID: L2397-56
Site / Project ID: LOCATION 17 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | 67 | ug/Kg | | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 102 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 85 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 104 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F17-0
Project Number: BANG FUELING AREA
Sample ID: L2397-56
Site / Project ID: LOCATION 17 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | |
| Analysis Date: 26-DEC-95 11:38 | | | | | | | |
| Workgroup Number: WG5247 | | | | | | | |
| Benzene | 71-43-2 | 1 | 2.6 | ug/Kg | | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 11 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 4.31 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 43.4 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 12.2 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 89 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | |
| Analysis Date: 26-DEC-95 11:38 | | | | | | | |
| Workgroup Number: WG5242 | | | | | | | |
| GRO | N/A | 1 | 1.26 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 89 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-0
Project Number: BANG FUELING AREA
Sample ID: L2397-58
Site / Project ID: LOCATION 20 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

SW846 Method 8240

Preparation Date: 28-DEC-95

Analysis Date: 28-DEC-95 15:54

Workgroup Number: WG5337

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| Acetone | 67-64-1 | 2 | 30 | ug/Kg | J | 1 | 200 |
| Benzene | 71-43-2 | 2 | 20 | ug/Kg | | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | 56 | ug/Kg | | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | 53 | ug/Kg | | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-0
Project Number: BANG FUELING AREA
Sample ID: L2397-58
Site / Project ID: LOCATION 20 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | 260 | ug/Kg | | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 97 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 113 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 100 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-0
Project Number: BANG FUELING AREA
Sample ID: L2397-58
Site / Project ID: LOCATION 20 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|-----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | |
| Analysis Date: 26-DEC-95 13:37 | | | | | | | |
| Workgroup Number: WG5247 | | | | | | | |
| Benzene | 71-43-2 | 125 | 875 | ug/Kg | | 6.3 | 130 |
| Ethylbenzene | 100-41-4 | 125 | 973 | ug/Kg | | 9.9 | 130 |
| Toluene | 108-88-3 | 125 | 353 | ug/Kg | | 27 | 130 |
| (m,p)-Xylene | 108-38-3 | 125 | 3670 | ug/Kg | | 37 | 250 |
| o-Xylene | 95-47-6 | 125 | 1360 | ug/Kg | | 13 | 130 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 116 | % | | | |

| | | | | | | | |
|--------------------------------|-----------|-----|-----|-------|--|-----|----|
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | |
| Analysis Date: 26-DEC-95 13:37 | | | | | | | |
| Workgroup Number: WG5242 | | | | | | | |
| GRO | N/A | 125 | 170 | mg/Kg | | 6.3 | 13 |
| Bromofluorobenzene | SURROGATE | 1 | 116 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-4
Project Number: BANG FUELING AREA
Sample ID: L2397-59
Site / Project ID: LOCATION 20 4-6 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 06:03 | | | | | | | |
| Workgroup Number: WG5336 | | | | | | | |
| Acetone | 67-64-1 | 2 | ND | ug/Kg | U | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-4
Project Number: BANG FUELING AREA
Sample ID: L2397-59
Site / Project ID: LOCATION 20 4-6 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 112 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 104 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 102 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F20-4
Project Number: BANG FUELING AREA
Sample ID: L2397-59
Site / Project ID: LOCATION 20 4-6 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 18:48 | | | | | | | |
| Workgroup Number: WG5244 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/Kg | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 107 | % | | | |

| | | | | | | | |
|--------------------------------|-----------|---|-----|-------|--|-----|----|
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 18:48 | | | | | | | |
| Workgroup Number: WG5240 | | | | | | | |
| GRO | N/A | 1 | .11 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 107 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F18-0
Project Number: BANG FUELING AREA
Sample ID: L2397-79
Site / Project ID: LOCATION 18 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

SW846 Method 8240

Preparation Date: 28-DEC-95

Analysis Date: 28-DEC-95 17:12

Workgroup Number: WG5337

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| Acetone | 67-64-1 | 2 | ND | ug/Kg | U | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

- Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
- Dil - Sample Dilution Factor
- ND - Sample Concentration Not Detected above MDL
- MDL - Method Detection Limit
- RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F18-0
Project Number: BANG FUELING AREA
Sample ID: L2397-79
Site / Project ID: LOCATION 18 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | 4.2 | ug/Kg | J | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 100 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 99 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 99 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F18-0
Project Number: BANG FUELING AREA
Sample ID: L2397-79
Site / Project ID: LOCATION 18 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | |
| Analysis Date: 26-DEC-95 12:18 | | | | | | | |
| Workgroup Number: WG5247 | | | | | | | |
| Benzene | 71-43-2 | 1 | 3.4 | ug/Kg | | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 15.1 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 3.46 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 32.9 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 7.5 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 94 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | |
| Analysis Date: 26-DEC-95 12:18 | | | | | | | |
| Workgroup Number: WG5242 | | | | | | | |
| GRO | N/A | 1 | 1.26 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 94 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F18-9
Project Number: BANG FUELING AREA
Sample ID: L2397-81
Site / Project ID: LOCATION 18 9-11FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 04:45 | | | | | | | |
| Workgroup Number: WG5336 | | | | | | | |
| Acetone | 67-64-1 | 2 | ND | ug/Kg | U | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F18-9
Project Number: BANG FUELING AREA
Sample ID: L2397-81
Site / Project ID: LOCATION 18 9-11ETDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 106 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 96 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 95 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F18-9
Project Number: BANG FUELING AREA
Sample ID: L2397-81
Site / Project ID: LOCATION 18 9-11FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 16:46 | | | | | | | |
| Workgroup Number: WG5244 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/Kg | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 111 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 16:46 | | | | | | | |
| Workgroup Number: WG5240 | | | | | | | |
| GRO | N/A | 1 | ND | mg/Kg | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 111 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F19-0
Project Number: BANG FUELING AREA
Sample ID: L2397-83
Site / Project ID: LOCATION 19 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 04:06 | | | | | | | |
| Workgroup Number: WG5336 | | | | | | | |
| Acetone | 67-64-1 | 2 | ND | ug/Kg | U | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | 8.5 | ug/Kg | J | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | 22 | ug/Kg | | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F19-0
Project Number: BANG FUELING AREA
Sample ID: L2397-83
Site / Project ID: LOCATION 19 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | 110 | ug/Kg | | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 112 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 94 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 118 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: F19-0
Project Number: BANG FUELING AREA
Sample ID: L2397-83
Site / Project ID: LOCATION 19 0-2 FTDE
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Method 5030/8020 | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | |
| Analysis Date: 26-DEC-95 12:58 | | | | | | | |
| Workgroup Number: WG5247 | | | | | | | |
| Benzene | 71-43-2 | 1 | 3.42 | ug/Kg | | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | 9.67 | ug/Kg | | .079 | 1 |
| Toluene | 108-88-3 | 1 | 17 | ug/Kg | | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 62.8 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 9.03 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 65 | % | | | |
| SW846 Method 5030/8015M | | | | | | | |
| Preparation Date: 26-DEC-95 | | | | | | | |
| Analysis Date: 26-DEC-95 12:58 | | | | | | | |
| Workgroup Number: WG5242 | | | | | | | |
| GRO | N/A | 1 | 1.11 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 65 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-01
Project Number: BANG FUELING AREA
Sample ID: L2397-88
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 13:01 | | | | | | | |
| Workgroup Number: WG5334 | | | | | | | |
| Acetone | 67-64-1 | 1 | ND | ug/L | U | .5 | 100 |
| Acetonitrile | 75-05-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrolein | 107-02-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrylonitrile | 107-13-1 | 1 | ND | ug/L | U | .5 | 100 |
| Allyl chloride | 107-05-1 | 1 | ND | ug/L | U | .5 | 5 |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .39 | 5 |
| Benzyl chloride | 100-44-7 | 1 | ND | ug/L | U | .5 | 100 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/L | U | .64 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/L | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/L | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/L | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/L | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/L | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/L | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | 4.6 | ug/L | J | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/L | U | 2 | 10 |
| Chloroprene | 126-99-8 | 1 | ND | ug/L | U | .5 | 5 |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 1 | ND | ug/L | U | .61 | 100 |
| 1,2-Dibromoethane | 106-93-4 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromomethane | 74-95-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| 1,4-Dichloro-2-butene | 764-41-0 | 1 | ND | ug/L | U | .5 | 100 |
| Dichlorodifluoromethane | 75-71-8 | 1 | ND | ug/L | U | .43 | 10 |
| 1,1-Dichloroethane | 75-35-3 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/L | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/L | U | .48 | 5 |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | ND | ug/L | U | .55 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/L | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/L | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/L | U | .78 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-01
Project Number: BANG FUELING AREA
Sample ID: L2397-88
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/L | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .75 | 5 |
| Ethyl methacrylate | 97-63-2 | 1 | ND | ug/L | U | .5 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/L | U | .5 | 50 |
| Isobutyl alcohol | 78-83-1 | 1 | ND | ug/L | U | .5 | 100 |
| Methacrylonitrile | 126-98-7 | 1 | ND | ug/L | U | .5 | 100 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/L | U | .75 | 5 |
| Methyl iodide | 74-88-4 | 1 | ND | ug/L | U | .5 | 5 |
| Methyl methacrylate | 80-62-6 | 1 | ND | ug/L | U | .5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/L | U | .5 | 50 |
| Pentachloroethane | 76-01-7 | 1 | ND | ug/L | U | .5 | 10 |
| Propionitrile | 107-12-0 | 1 | ND | ug/L | U | .5 | 100 |
| Styrene | 100-42-5 | 1 | ND | ug/L | U | .72 | 5 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1 | ND | ug/L | U | .45 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/L | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/L | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/L | U | .85 | 5 |
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/L | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/L | U | .42 | 5 |
| 1,2,3-Trichloropropane | 96-18-4 | 1 | ND | ug/L | U | 1.1 | 5 |
| Vinyl acetate | 108-05-4 | 1 | ND | ug/L | U | .5 | 50 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/L | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 95 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 99 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 104 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-01
Project Number: BANG FUELING AREA
Sample ID: L2397-88
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Methods 5030/8020 | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 15:34 | | | | | | | |
| Workgroup Number: WG5257 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/L | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 2.28 | ug/L | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/L | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 96 | % | | | |
| SW846 Method 5030/8015 Mod. | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 15:34 | | | | | | | |
| Workgroup Number: WG5259 | | | | | | | |
| GRO | N/A | 1 | .21 | mg/L | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 96 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-02
Project Number: BANG FUELING AREA
Sample ID: L2397-89
Site / Project ID: EQUIPMENT BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 13:41 | | | | | | | |
| Workgroup Number: WG5334 | | | | | | | |
| Acetone | 67-64-1 | 1 | ND | ug/L | U | .5 | 100 |
| Acetonitrile | 75-05-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrolein | 107-02-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrylonitrile | 107-13-1 | 1 | ND | ug/L | U | .5 | 100 |
| Allyl chloride | 107-05-1 | 1 | ND | ug/L | U | .5 | 5 |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .39 | 5 |
| Benzyl chloride | 100-44-7 | 1 | ND | ug/L | U | .5 | 100 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/L | U | .64 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/L | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/L | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/L | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/L | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/L | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/L | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/L | U | 2 | 10 |
| Chloroprene | 126-99-8 | 1 | ND | ug/L | U | .5 | 5 |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 1 | ND | ug/L | U | .61 | 100 |
| 1,2-Dibromoethane | 106-93-4 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromomethane | 74-95-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| 1,4-Dichloro-2-butene | 764-41-0 | 1 | ND | ug/L | U | .5 | 100 |
| Dichlorodifluoromethane | 75-71-8 | 1 | ND | ug/L | U | .43 | 10 |
| 1,1-Dichloroethane | 75-35-3 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/L | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/L | U | .48 | 5 |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | ND | ug/L | U | .55 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/L | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/L | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/L | U | .78 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

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Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-02
Project Number: BANG FUELING AREA
Sample ID: L2397-89
Site / Project ID: EQUIPMENT BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/L | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .75 | 5 |
| Ethyl methacrylate | 97-63-2 | 1 | ND | ug/L | U | .5 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/L | U | .5 | 50 |
| Isobutyl alcohol | 78-83-1 | 1 | ND | ug/L | U | .5 | 100 |
| Methacrylonitrile | 126-98-7 | 1 | ND | ug/L | U | .5 | 100 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/L | U | .75 | 5 |
| Methyl iodide | 74-88-4 | 1 | ND | ug/L | U | .5 | 5 |
| Methyl methacrylate | 80-62-6 | 1 | ND | ug/L | U | .5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/L | U | .5 | 50 |
| Pentachloroethane | 76-01-7 | 1 | ND | ug/L | U | .5 | 10 |
| Propionitrile | 107-12-0 | 1 | ND | ug/L | U | .5 | 100 |
| Styrene | 100-42-5 | 1 | ND | ug/L | U | .72 | 5 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1 | ND | ug/L | U | .45 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/L | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/L | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/L | U | .85 | 5 |
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/L | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/L | U | .42 | 5 |
| 1,2,3-Trichloropropane | 96-18-4 | 1 | ND | ug/L | U | 1.1 | 5 |
| Vinyl acetate | 108-05-4 | 1 | ND | ug/L | U | .5 | 50 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/L | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | 2.8 | ug/L | J | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 100 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 99 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 107 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-02
Project Number: BANG FUELING AREA
Sample ID: L2397-89
Site / Project ID: EQUIPMENT BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|-----|----|
| SW846 Methods 5030/8020 | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 16:11 | | | | | | | |
| Workgroup Number: WG5257 | | | | | | | |
| Benzene | 71-43-2 | 5 | ND | ug/L | U | .25 | 5 |
| Ethylbenzene | 100-41-4 | 5 | ND | ug/L | U | .4 | 5 |
| Toluene | 108-88-3 | 5 | ND | ug/L | U | 1.1 | 5 |
| (m,p)-Xylene | 108-38-3 | 5 | ND | ug/L | U | 1.5 | 10 |
| o-Xylene | 95-47-6 | 5 | ND | ug/L | U | .51 | 5 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 91 | % | | | |
| SW846 Method 5030/8015 Mod. | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 16:11 | | | | | | | |
| Workgroup Number: WG5259 | | | | | | | |
| GRO | N/A | 5 | ND | mg/L | U | .25 | .5 |
| Bromofluorobenzene | SURROGATE | 1 | 91 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

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 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-03
Project Number: BANG FUELING AREA
Sample ID: L2397-90
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 14:22 | | | | | | | |
| Workgroup Number: W65334 | | | | | | | |
| Acetone | 67-64-1 | 1 | ND | ug/L | U | .5 | 100 |
| Acetonitrile | 75-05-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrolein | 107-02-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrylonitrile | 107-13-1 | 1 | ND | ug/L | U | .5 | 100 |
| Allyl chloride | 107-05-1 | 1 | ND | ug/L | U | .5 | 5 |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .39 | 5 |
| Benzyl chloride | 100-44-7 | 1 | ND | ug/L | U | .5 | 100 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/L | U | .64 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/L | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/L | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/L | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/L | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/L | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/L | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | 4.1 | ug/L | J | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/L | U | 2 | 10 |
| Chloroprene | 126-99-8 | 1 | ND | ug/L | U | .5 | 5 |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 1 | ND | ug/L | U | .61 | 100 |
| 1,2-Dibromoethane | 106-93-4 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromomethane | 74-95-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| 1,4-Dichloro-2-butene | 764-41-0 | 1 | ND | ug/L | U | .5 | 100 |
| Dichlorodifluoromethane | 75-71-8 | 1 | ND | ug/L | U | .43 | 10 |
| 1,1-Dichloroethane | 75-35-3 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/L | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/L | U | .48 | 5 |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | ND | ug/L | U | .55 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/L | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/L | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/L | U | .78 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-03
Project Number: BANG FUELING AREA
Sample ID: L2397-90
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/L | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .75 | 5 |
| Ethyl methacrylate | 97-63-2 | 1 | ND | ug/L | U | .5 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/L | U | .5 | 50 |
| Isobutyl alcohol | 78-83-1 | 1 | ND | ug/L | U | .5 | 100 |
| Methacrylonitrile | 126-98-7 | 1 | ND | ug/L | U | .5 | 100 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/L | U | .75 | 5 |
| Methyl iodide | 74-88-4 | 1 | ND | ug/L | U | .5 | 5 |
| Methyl methacrylate | 80-62-6 | 1 | ND | ug/L | U | .5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/L | U | .5 | 50 |
| Pentachloroethane | 76-01-7 | 1 | ND | ug/L | U | .5 | 10 |
| Propionitrile | 107-12-0 | 1 | ND | ug/L | U | .5 | 100 |
| Styrene | 100-42-5 | 1 | ND | ug/L | U | .72 | 5 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1 | ND | ug/L | U | .45 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/L | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/L | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/L | U | .85 | 5 |
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/L | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/L | U | .42 | 5 |
| 1,2,3-Trichloropropane | 96-18-4 | 1 | ND | ug/L | U | 1.1 | 5 |
| Vinyl acetate | 108-05-4 | 1 | ND | ug/L | U | .5 | 50 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/L | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 93 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 93 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 100 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 951214-03
Project Number: BANG FUELING AREA
Sample ID: L2397-90
Site / Project ID: DECON BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Methods 5030/8020 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 16:08 | | | | | | | |
| Workgroup Number: WG5256 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/L | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/L | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/L | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 100 | % | | | |
| SW846 Method 5030/8015 Mod. | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 16:08 | | | | | | | |
| Workgroup Number: WG5258 | | | | | | | |
| GRO | N/A | 1 | ND | mg/L | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 100 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: BG
Project Number: BANG FUELING AREA
Sample ID: L2397-92
Site / Project ID: BKGRND LOC. 0-2 FT D
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 28-DEC-95 | | | | | | | |
| Analysis Date: 28-DEC-95 03:27 | | | | | | | |
| Workgroup Number: WG5336 | | | | | | | |
| Acetone | 67-64-1 | 2 | 29 | ug/Kg | J | 1 | 200 |
| Benzene | 71-43-2 | 2 | ND | ug/Kg | U | .78 | 10 |
| Bromodichloromethane | 75-27-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Bromoform | 75-25-2 | 2 | ND | ug/Kg | U | .93 | 10 |
| Bromomethane | 74-83-9 | 2 | ND | ug/Kg | U | .97 | 20 |
| 2-Butanone | 78-93-3 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon disulfide | 75-15-0 | 2 | ND | ug/Kg | U | 1 | 200 |
| Carbon tetrachloride | 56-23-5 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chlorobenzene | 108-90-7 | 2 | ND | ug/Kg | U | .87 | 10 |
| Chlorodibromomethane | 124-48-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| Chloroethane | 75-00-3 | 2 | ND | ug/Kg | U | 1.1 | 20 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2 | ND | ug/Kg | U | 1 | 20 |
| Chloroform | 67-66-3 | 2 | ND | ug/Kg | U | 2.7 | 10 |
| Chloromethane | 74-87-3 | 2 | ND | ug/Kg | U | 4 | 20 |
| 1,2-Dichlorobenzene | 95-50-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,3-Dichlorobenzene | 541-73-1 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,4-Dichlorobenzene | 106-46-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| 1,1-Dichloroethane | 75-34-3 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,2-Dichloroethane | 107-06-2 | 2 | ND | ug/Kg | U | 4.2 | 10 |
| 1,1-Dichloroethene | 75-35-4 | 2 | ND | ug/Kg | U | .95 | 10 |
| trans-1,2-Dichloroethene | 156-60-5 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| 1,2-Dichloropropane | 78-87-5 | 2 | ND | ug/Kg | U | 1 | 10 |
| cis-1,3-Dichloropropene | 10061-01-5 | 2 | ND | ug/Kg | U | 1.6 | 10 |
| trans-1,3-Dichloropropene | 10061-02-6 | 2 | ND | ug/Kg | U | 1.1 | 10 |
| Ethylbenzene | 100-41-4 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 2-Hexanone | 591-78-6 | 2 | ND | ug/Kg | U | 1 | 100 |
| Methylene chloride | 75-09-2 | 2 | ND | ug/Kg | U | 1.5 | 10 |
| 4-Methyl-2-pentanone | 108-10-1 | 2 | ND | ug/Kg | U | 1 | 100 |
| Styrene | 100-42-5 | 2 | ND | ug/Kg | U | 1.4 | 10 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2 | ND | ug/Kg | U | 1.3 | 10 |
| Tetrachloroethene | 127-18-4 | 2 | ND | ug/Kg | U | .98 | 10 |
| Toluene | 108-88-3 | 2 | ND | ug/Kg | U | 1.7 | 10 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
 - J = Estimated Concentration, B = Analyte Detected in the Blank
 - E = Analyte Conc. is above the Method Calibration Range
 Dil - Sample Dilution Factor
 ND - Sample Concentration Not Detected above MDL
 MDL - Method Detection Limit
 RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: BG
Project Number: BANG FUELING AREA
Sample ID: L2397-92
Site / Project ID: BKGRND LOC. 0-2 FT D
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 09-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|------------------------|-----------|-----|--------------|-------|------|-----|----|
| 1,1,1-Trichloroethane | 71-55-6 | 2 | ND | ug/Kg | U | 3.4 | 10 |
| 1,1,2-Trichloroethane | 79-00-5 | 2 | ND | ug/Kg | U | 2.5 | 10 |
| Trichloroethene | 79-01-6 | 2 | ND | ug/Kg | U | .84 | 10 |
| Trichlorofluoromethane | 75-69-4 | 2 | ND | ug/Kg | U | 1 | 10 |
| Vinyl chloride | 75-01-4 | 2 | ND | ug/Kg | U | .94 | 4 |
| Xylene (Total) | 1330-20-7 | 2 | ND | ug/Kg | U | 1 | 10 |
| Dibromofluoromethane | SURROGATE | 1 | 115 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 100 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 97 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
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- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: BG
Project Number: BANG FUELING AREA
Sample ID: L2397-92
Site / Project ID: BKGRND LOC. 0-2 FT D
Run ID: R2823
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 27-DEC-95

SW846 Method 5030/8020

Preparation Date: 21-DEC-95

Analysis Date: 21-DEC-95 21:31

Workgroup Number: WG5244

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|----------------------|-----------|-----|--------------|-------|------|------|----|
| Benzene | 71-43-2 | 1 | ND | ug/Kg | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 4.2 | ug/Kg | | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | 3.04 | ug/Kg | | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 91 | % | | | |

SW846 Method 5030/8015M

Preparation Date: 21-DEC-95

Analysis Date: 21-DEC-95 21:31

Workgroup Number: WG5240

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------|-----------|-----|--------------|-------|------|-----|----|
| GRO | N/A | 1 | .78 | mg/Kg | | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 91 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: BANG FUELING AREA
Sample ID: L2397-93
Site / Project ID: TRIP BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|------------|-----|--------------|-------|------|-----|-----|
| SW846 Method 8240 | | | | | | | |
| Preparation Date: 21-DEC-95 | | | | | | | |
| Analysis Date: 21-DEC-95 12:20 | | | | | | | |
| Workgroup Number: WG5334 | | | | | | | |
| Acetone | 67-64-1 | 1 | ND | ug/L | U | .5 | 100 |
| Acetonitrile | 75-05-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrolein | 107-02-8 | 1 | ND | ug/L | U | .5 | 100 |
| Acrylonitrile | 107-13-1 | 1 | ND | ug/L | U | .5 | 100 |
| Allyl chloride | 107-05-1 | 1 | ND | ug/L | U | .5 | 5 |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .39 | 5 |
| Benzyl chloride | 100-44-7 | 1 | ND | ug/L | U | .5 | 100 |
| Bromodichloromethane | 75-27-4 | 1 | ND | ug/L | U | .64 | 5 |
| Bromoform | 75-25-2 | 1 | ND | ug/L | U | .47 | 5 |
| Bromomethane | 74-83-9 | 1 | ND | ug/L | U | .49 | 10 |
| 2-Butanone | 78-93-3 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon disulfide | 75-15-0 | 1 | ND | ug/L | U | .5 | 100 |
| Carbon tetrachloride | 56-23-5 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chlorobenzene | 108-90-7 | 1 | ND | ug/L | U | .44 | 5 |
| Chlorodibromomethane | 124-48-1 | 1 | ND | ug/L | U | .5 | 5 |
| Chloroethane | 75-00-3 | 1 | ND | ug/L | U | .54 | 10 |
| 2-Chloroethyl vinyl ether | 110-75-8 | 1 | ND | ug/L | U | .5 | 10 |
| Chloroform | 67-66-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| Chloromethane | 74-87-3 | 1 | ND | ug/L | U | 2 | 10 |
| Chloroprene | 126-99-8 | 1 | ND | ug/L | U | .5 | 5 |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 1 | ND | ug/L | U | .61 | 100 |
| 1,2-Dibromoethane | 106-93-4 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromomethane | 74-95-3 | 1 | ND | ug/L | U | 1.4 | 5 |
| 1,4-Dichloro-2-butene | 764-41-0 | 1 | ND | ug/L | U | .5 | 100 |
| Dichlorodifluoromethane | 75-71-8 | 1 | ND | ug/L | U | .43 | 10 |
| 1,1-Dichloroethane | 75-35-3 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,2-Dichloroethane | 107-06-2 | 1 | ND | ug/L | U | 2.1 | 5 |
| 1,1-Dichloroethene | 75-35-4 | 1 | ND | ug/L | U | .48 | 5 |
| cis-1,2-Dichloroethene | 156-59-2 | 1 | ND | ug/L | U | .55 | 5 |
| trans-1,2-Dichloroethene | 156-60-5 | 1 | ND | ug/L | U | .55 | 5 |
| 1,2-Dichloropropane | 78-87-5 | 1 | ND | ug/L | U | .51 | 5 |
| cis-1,3-Dichloropropene | 10061-01-5 | 1 | ND | ug/L | U | .78 | 5 |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
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Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: BANG FUELING AREA
Sample ID: L2397-93
Site / Project ID: TRIP BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|---------------------------|------------|-----|--------------|-------|------|-----|-----|
| trans-1,3-Dichloropropene | 10061-02-6 | 1 | ND | ug/L | U | .55 | 5 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .75 | 5 |
| Ethyl methacrylate | 97-63-2 | 1 | ND | ug/L | U | .5 | 5 |
| 2-Hexanone | 591-78-6 | 1 | ND | ug/L | U | .5 | 50 |
| Isobutyl alcohol | 78-83-1 | 1 | ND | ug/L | U | .5 | 100 |
| Methacrylonitrile | 126-98-7 | 1 | ND | ug/L | U | .5 | 100 |
| Methylene chloride | 75-09-2 | 1 | ND | ug/L | U | .75 | 5 |
| Methyl iodide | 74-88-4 | 1 | ND | ug/L | U | .5 | 5 |
| Methyl methacrylate | 80-62-6 | 1 | ND | ug/L | U | .5 | 50 |
| 4-Methyl-2-pentanone | 108-10-1 | 1 | ND | ug/L | U | .5 | 50 |
| Pentachloroethane | 76-01-7 | 1 | ND | ug/L | U | .5 | 10 |
| Propionitrile | 107-12-0 | 1 | ND | ug/L | U | .5 | 100 |
| Styrene | 100-42-5 | 1 | ND | ug/L | U | .72 | 5 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1 | ND | ug/L | U | .45 | 5 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | ND | ug/L | U | .63 | 5 |
| Tetrachloroethene | 127-18-4 | 1 | ND | ug/L | U | .49 | 5 |
| Toluene | 108-88-3 | 1 | ND | ug/L | U | .85 | 5 |
| 1,1,1-Trichloroethane | 71-55-6 | 1 | ND | ug/L | U | 1.7 | 5 |
| 1,1,2-Trichloroethane | 79-00-5 | 1 | ND | ug/L | U | 1.2 | 5 |
| Trichloroethene | 79-01-6 | 1 | ND | ug/L | U | .42 | 5 |
| 1,2,3-Trichloropropane | 96-18-4 | 1 | ND | ug/L | U | 1.1 | 5 |
| Vinyl acetate | 108-05-4 | 1 | ND | ug/L | U | .5 | 50 |
| Vinyl chloride | 75-01-4 | 1 | ND | ug/L | U | .47 | 2 |
| Xylene (Total) | 1330-20-7 | 1 | ND | ug/L | U | .5 | 5 |
| Dibromofluoromethane | SURROGATE | 1 | 97 | % | | | |
| Toluene-d8 | SURROGATE | 1 | 92 | % | | | |
| 4-Bromofluorobenzene | SURROGATE | 1 | 101 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: BANG FUELING AREA
Sample ID: L2397-93
Site / Project ID: TRIP BLANK
Run ID: R2839
Collection Date: 14-DEC-95
Received Date: 15-DEC-95
Report Date: 08-JAN-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | Qual | MDL | RL |
|--------------------------------|-----------|-----|--------------|-------|------|------|----|
| SW846 Methods 5030/8020 | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 17:29 | | | | | | | |
| Workgroup Number: WG5256 | | | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/L | U | .05 | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/L | U | .079 | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/L | U | .22 | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/L | U | .3 | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/L | U | .1 | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 104 | % | | | |
| SW846 Method 5030/8015 Mod. | | | | | | | |
| Preparation Date: 27-DEC-95 | | | | | | | |
| Analysis Date: 27-DEC-95 17:29 | | | | | | | |
| Workgroup Number: WG5258 | | | | | | | |
| GRO | N/A | 1 | ND | mg/L | U | .05 | .1 |
| Bromofluorobenzene | SURROGATE | 1 | 104 | % | | | |

Review By: Ty Garber

Report Approved By: Randy Greaves

Qual - U = Analyte Not Detected above the Method Detection Limit
- J = Estimated Concentration, B = Analyte Detected in the Blank
- E = Analyte Conc. is above the Method Calibration Range
Dil - Sample Dilution Factor
ND - Sample Concentration Not Detected above MDL
MDL - Method Detection Limit
RL - Method Reporting Limit

APPENDIX F
FIELD NOTEBOOK PAGES

①

Dec. 13, 1995

Arrived at site at 7:45 AM

After checking in, entered Fueling Area
Briefed personnel.

Calibrated Minikae PID at 8:12 AM

Calibration gas is 100 ppm Isobutylene.
Ambient temp is 17°C

Background readings taken around
area at 8:25 AM. Background readings were
0.0 ppm

Depth Field Blank of DI Water Sample # 951213-01
Interval taken at 8:32 AM.
Location #1 Sample # F1-D clay
Headspace kg ppb
mic AB Res 180 400 770 *

| Depth | Time | Sample # | Soil Type | Headspace kg ppb | mic | AB | Res |
|--------|------|----------|------------|------------------|-----|-----|-----|
| 0-2' | 8:40 | F1-D | clay | 180 | 400 | 770 | * |
| 4-6' | 8:48 | F1-4 | shaly clay | 4 | 5 | 6 | * |
| 9-11' | 8:55 | F1-9 | Sandy | 1 | 1.5 | 1.7 | |
| 14-16' | 9:05 | F1-14 | Sandy | 2 | 4 | 5 | |

(2)

9:10 Location #1 was filled with Bentonite

9:16 AM Moved to Location No. 2

| | | | PID | Min | Avg | Max |
|------|------|---|-----|------|------|------|
| 0-2' | F2-0 | Clay clayish w/ discolor | | 2000 | 2000 | 2000 |

| | | | | | | |
|------|------|---------------|--|----|----|----|
| 4-6' | F2-4 | Sandy Clay | | 31 | 40 | 48 |
|------|------|---------------|--|----|----|----|

| | | | | | | |
|------|------|-------|--|---|----|----|
| 9-11 | F2-9 | Sandy | | 4 | 11 | 17 |
|------|------|-------|--|---|----|----|

| | | | | | | |
|--------|-------|-------|--|-----|----|----|
| | | | | 0.5 | 1 | 2 |
| 14-16' | F2-14 | SANDY | | 4 | 11 | 17 |

Am

9:35 AM Location #2 Complete
Hole sealed with bentonite

(3)

Moved to
9:40 AM Location #3

| | | | min | PID Avg | Max |
|-------|-------|-------|------|------------|------|
| 0-2' | F3-0 | Clay | 2000 | 2000 | 7200 |
| 6-8' | F3-4 | Clay | 18 | 40 | 49 |
| 9-11' | F3-9 | Sandy | 6 | 7 | 8 |
| 14-16 | F3-14 | Sandy | 2 | 5 | 7 |

10:10 AM Filled Location #3 with bentonite

10:15 AM moved to Location #4
Rock Clogged (first try in location)
Moved Location 1' N and 2' West of original

| | | | min | PID Avg | Max |
|-------|-------|---------------|------|------------|--------------------|
| 0-2 | F4-0 | Sandy Clay | 700 | 1500 | 2000 |
| 4-6 | F4-4 | Sandy Clay | 2000 | 2000 | 7200 sandy side |
| 9-11 | F4-9 | SANDY CLAY | 21 | 35 | 41 |
| 14-16 | F4-14 | SANDY | 30 | 50 | 72 |

10:45 Closed Location 4
and moved to Location #5

④

INTENTIONALLY LEFT BLANK

(5)

INTENTIONALLY LEFT BLANK

(6)

| | Location # | Soil Type | Min | PID Avg | Max |
|-----|------------|------------|------|---------|------|
| 0-2 | FS-0 | Slay | 220 | 350 | 455 |
| 4-6 | FS-4 | Sandy Clay | 2000 | 2000 | 7200 |

| | | | | | |
|------|------|-------|---|----|----|
| 9-11 | FS-9 | Sandy | 6 | 12 | 16 |
|------|------|-------|---|----|----|

| | | | | | |
|-------|-------|-------|----|----|----|
| 14-16 | FS-14 | Sandy | 14 | 17 | 23 |
|-------|-------|-------|----|----|----|

Filled hole with Bentonite

12:50 PM after Fuel Truck left

Resumed sampling at

Moved to Location #6

| | Location # | Soil Type | Min | PID Avg | Max |
|-----|------------|-----------|------|---------|------|
| 0-2 | F6-0 | Clay | 2000 | 2000 | 7200 |

| | | | | | |
|-----|------|-------|------|------|------|
| 4-6 | F6-4 | Sandy | 2000 | 2000 | 7200 |
|-----|------|-------|------|------|------|

| | | | | | |
|------|------|-------|----|----|----|
| 9-11 | F6-9 | Sandy | 16 | 20 | 32 |
|------|------|-------|----|----|----|

| | | | | | |
|-------|-------|-------|----|----|----|
| 14-16 | F6-14 | SANDY | 32 | 40 | 47 |
|-------|-------|-------|----|----|----|

Note Location #6 was moved to 1' South.
7 where it was originally marked

⑦

1:25 PM

Location #7

PID

| | | Soil Type | Min | Avg | Max |
|-------|-------|-----------|------|------|-----|
| 0-2 | F7-0 | Clay | 1500 | 2000 | 720 |
| 4-6 | F7-4 | Sandy | 40 | 60 | 6 |
| 9-11 | F7-9 | SANDY | 6 | 12 | 13 |
| 14-16 | F7-14 | Sandy | 7 | 12 | 19 |

2:20 PM

LOCATION #9

PID

DEPTH

LOCATION ID

SOIL TYPE

MIN

AUG.

MAX.

| | | | | | |
|-------|-------|-------|-----|-----|-----|
| 0-2 | F9-0 | SANDY | 2 | 2.5 | 3 |
| 4-6 | F9-4 | SANDY | 0 | 0.5 | 0.8 |
| 9-11 | F9-9 | SANDY | 0.5 | 1 | 1.2 |
| 14-16 | F9-14 | SANDY | 1.0 | 1.2 | 1.3 |

all

7200

7200

322

47

with

lead

⑧

2:50 PM Location #10

| | | Soil Type | Min | Arg | Max |
|-----|-------|-----------|-----|-----|-----|
| 0-2 | F10-0 | Sandy | 4 | 6 | 7 |

| | | | | | |
|-----|-------|-------|---|---|---|
| 4-6 | F10-4 | Sandy | 3 | 5 | 9 |
|-----|-------|-------|---|---|---|

| | | | | | |
|------|-------|-------|---|-----|---|
| 9-11 | F10-9 | SANDY | 2 | 2.5 | 3 |
|------|-------|-------|---|-----|---|

| | | | | | |
|-------|--------|-------|----|----|----|
| 14-16 | F10-14 | SANDY | 20 | 27 | 35 |
|-------|--------|-------|----|----|----|

3:03 PM Location #11

| | | Soil Type | Min | Arg | Max |
|-----|-------|------------|-----|-----|-----|
| 0-2 | F11-0 | Sandy Clay | 24 | 28 | 31 |

| | | | | | |
|-----|-------|------|----|----|----|
| 4-6 | F11-4 | CLAY | 35 | 45 | 52 |
|-----|-------|------|----|----|----|

| | | | | | |
|------|-------|------------|---|----|----|
| 9-11 | F11-9 | Sandy Clay | 6 | 10 | 16 |
|------|-------|------------|---|----|----|

| | | | | | |
|-------|--------|------------|---|---|----|
| 14-16 | F11-14 | SANDY CLAY | 5 | 7 | 12 |
|-------|--------|------------|---|---|----|

(9)

3:45

~~3:35 PM~~

Location #8

Soil
type

PII
Min Avg

type

Max

0-2'

F8-0

CLAY

Ø

Ø

Ø

4-6'

F8-4

CLAY

Ø

Ø

Ø

9-11'

F8-9

CLAYEY
sand

1

1.5

2.5

14-16'

F8-14

0.1

0.2

0.3

NOTE: LOCATION #8 WAS MOVED 9 FT EAST OF ORIGINAL LOCATION.

FINISHED UP AND PACKED UP TO LEAVE SITE AT 4:20

~~PERMIT, ELEC-DI, 705~~

(10)

DEC. 14, 1995

ARRIVED ON SITE AT 7:15 AM

CALIBRATED PID AT 7:30 USING ϕ GAS CARTRIDGE AND
100 PPM ISOBUTYLENE GAS STANDARD

PARTLY CLOUDY, 2°C AT 7:40

TOOK BACKGROUND READING AT SITE W/ PID AT 7:45: 0.0 ppm

7:35 AM BB (Background) Location

Took a background sample PID
BB-0 0-2' depth 0.0
READING:

(11)

LOCATION #15 STARTED AT 7:55

PID (PFM)

| | | SOIL TYPE | MIN | AVG. | MAX |
|------|-------|---------------|-----|------|-----|
| 0-2' | F15-0 | GRAVELLY CLAY | 120 | 145 | 163 |

| | | | | | |
|------|-------|------|-----|-----|-----|
| 4-6' | F15-4 | CLAY | 1.0 | 1.2 | 1.6 |
|------|-------|------|-----|-----|-----|

| | | | | | |
|-------|-------|-------|-----|-----|-----|
| 9-11' | F15-9 | SANDY | 1.6 | 1.7 | 2.0 |
|-------|-------|-------|-----|-----|-----|

| | | | | | |
|--------|--------|-------|-----|-----|-----|
| 14-16' | F15-14 | SANDY | 1.3 | 1.4 | 1.5 |
|--------|--------|-------|-----|-----|-----|

NOTE: LOCATION #15 MOVED 7.5 FT NORTH OF ORIGINAL LOCATION

LOCATION #16 STARTED AT 8:25

PID (PFM)

| | | SOIL TYPE | MIN | AVG. | MAX |
|------|-------|------------|-----|------|------|
| 0-2' | F16-0 | SILTY CLAY | 690 | 860 | 1200 |

| | | | | | |
|------|-------|------|---|-----|---|
| 4-6' | F16-4 | CLAY | 3 | 3.5 | 4 |
|------|-------|------|---|-----|---|

| | | | | | |
|-------|-------|------------|-----|-----|-----|
| 9-11' | F16-9 | SANDY CLAY | 1.0 | 1.0 | 1.1 |
|-------|-------|------------|-----|-----|-----|

| | | | | | |
|--------|--------|-------|-----|-----|-----|
| 14-16' | F16-14 | SANDY | 1.0 | 1.1 | 1.2 |
|--------|--------|-------|-----|-----|-----|

(12)

STARTED LOCATION #17 AT 8:55

PID (PPM)

| SOIL TYPE | MIN | AVG. | MAX. |
|-----------|-----|------|------|
| GRAVELLY | 83 | 100 | 113 |

0-2' F17-0

4-8' F17-4

SANDY CLAY

0.4

0.6

144/45

~~1.6~~ 0.7

9-11' F17-9

SANDY

0.4

0.5

0.7

14-16' F17-11

SANDY

0.5

0.7

0.9

STARTED LOCATION #18 AT 9:32

PID (PPM)

| SOIL TYPE | MIN | AVG. | MAX. |
|---------------|-----|------|------|
| GRAVELLY CLAY | 90 | 160 | 240 |

0-2' F18-0

4-6' F18-4

SILT CLAY

3

5

7

9-11' F18-9

SANDY

5

6

7

14-16' F18-11

SANDY

0.3

0.5

0.8

(13)

STARTED LOCATION #19 AT 10:00

| | | SOIL TYPE | MIN. | PID (PPM) | |
|------|-------|--------------|------|-----------|------|
| | | | | AVG. | MAX. |
| 0-2' | F19-0 | GRAVELY | 240 | 450 | 670 |

| | | | | | |
|------|-------|---------------|-----|-----|-----|
| 4-6' | F19-4 | SILTY CLAY | 0.4 | 0.5 | 0.6 |
|------|-------|---------------|-----|-----|-----|

| | | | | | |
|-------|---------------------------|-------|-----|-----|-----|
| 9-11' | F19-8 F19-9 | SANDY | 0.4 | 0.6 | 0.8 |
|-------|---------------------------|-------|-----|-----|-----|

| | | | | | |
|--------|--------|-------|-----|-----|-----|
| 14-16' | F19-14 | SANDY | 0.1 | 0.2 | 0.4 |
|--------|--------|-------|-----|-----|-----|

10:35 TOOK BLANKS

955-951214-01 DISTILLED WATER RUN THROUGH SAMPLE EQUIPMENT

951214-02 SAMPLE OF DISTILLED RINSE WATER

STARTED LOCATION #20 AT 10:35

| | | SOIL TYPE | MIN. | PID (PPM) | |
|------|-------|-----------------|------|-----------|------|
| | | | | AVG. | MAX. |
| 0-2' | F20-0 | GRAVELY CLAY | 120 | 150 | 166 |

| | | | | | |
|------|-------|------|-----|-----|-----|
| 4-6' | F20-4 | CLAY | 0.6 | 1.4 | 1.9 |
|------|-------|------|-----|-----|-----|

| | | | | | |
|-------|-------|---------------|-----|-----|-----|
| 9-11' | F20-9 | SANDY CLAY | 0.3 | 0.6 | 0.9 |
|-------|-------|---------------|-----|-----|-----|

| | | | | | |
|--------|--------|-------|-----|-----|-----|
| 14-16' | F20-14 | SANDY | 0.4 | 0.5 | 0.6 |
|--------|--------|-------|-----|-----|-----|

(14)

LEFT SITE FOR LUNCH AT 11:11

RETURNED TO SITE 12:20

PATCHED HOLES IN ASPHALT AT 12:35

STARTED LOCATION #12 AT 12:40

| | | | PID (PPM) | | |
|--------|--------|------------|----------------|----------------|------------------------|
| | | | MIN. | AVG. | MAX. |
| | | | SOIL TYPE | | |
| 0-2' | F12-D | SILTY | 0.5 | 0.7 | 0.9 |
| | | | 1.3 | 1.7 | 1.9 1.4/1.5 |
| 4-6' | F12-4 | SILTY | 1.3 | 1.7 | 1.9 |
| 9-11' | F12-9 | SILTY | 1 | 3 | 4 |
| 14-16' | F12-14 | SILTY SAND | 0.6 | 0.7 | 0.9 |

TOOK SAMPLE OF IDW

(15)

STARTED LOCATION #13 AT 1:00

| DEPTH INTERVAL | SOIL TYPE | PID (PPM) | | |
|-------------------|---------------------|-----------|------|------|
| | | MIN. | Avg. | MAX. |
| 0-2' | F13-0 SILTY CLAY | 0.3 | 0.5 | 0.7 |

| | | | | |
|------|---------------------|-----|-----|-----|
| 4-6' | F13-4 SILTY SAND | 0.4 | 0.5 | 0.6 |
|------|---------------------|-----|-----|-----|

| | | | | |
|------|---------------------|-----|-----|-----|
| 9-11 | F13-9 SANDY SILT | 0.4 | 0.8 | 1.1 |
|------|---------------------|-----|-----|-----|

| | | | | |
|-------|----------------------|-----|-----|-----|
| 14-16 | F13-14 SANDY CLAY | 0.6 | 0.8 | 1.2 |
|-------|----------------------|-----|-----|-----|

STARTED LOCATION #14 AT 1:20

| DEPTH INTERVAL | SOIL TYPE | PID (PPM) | | |
|-------------------|---------------------|-----------|------|------|
| | | MIN | Avg. | MAX. |
| 0-2' | F14-0 SILTY clay | 0.2 | 0.5 | 0.6 |

| | | | | |
|-----------------|------------------|----------------|----------------|----------------|
| 4-6' | F14-4 | 0.2 | 0.4 | 0.5 |
| 4-6' | F14-4 clay | 0.2 | 0.4 | 0.5 |

| | | | | |
|-------|---------------------|-----|-----|-----|
| 9-11' | F14-9 SILTY CLAY | 0.3 | 0.5 | 0.7 |
|-------|---------------------|-----|-----|-----|

| | | | | |
|--------|----------------------|-----|-----|-----|
| 14-16' | F14-14 SILTY CLAY | 0.1 | 0.2 | 0.3 |
|--------|----------------------|-----|-----|-----|

(16)

STARTED LOCATION #21 AT 2:18

| DEPTH INTERVAL | SOIL TYPE | PID (ppm) | | |
|-------------------|-------------------------|-----------|------|-----|
| | | MIN | AVG. | MAX |
| 0-2' | F21-0 CLAY | 0.2 | 0.3 | 0.4 |
| 4-6' | F21-4 SILTY CLAY | 0.1 | 0.3 | 0.4 |
| 9-11' | F21-9 SILTY CLAY | 0.3 | 0.3 | 0.4 |
| 14-16' | F21-14 SILTY CLAY | 0.4 | 0.5 | 0.6 |

2:25pm TOOK RINSE BLANK

COOLER CLOSED UP AT 2:55

APPENDIX G
CHAIN OF CUSTODY FORM

CHAIN OF CUSTODY RECORD

HazWaste Technologies® Corporation

| Project No. | | Project | | BUCKLE UP! BATT FUELING AREA | | ANALYSIS REQUIRED | | COMMENTS | | | | | | | | | |
|---------------------------|--|------------|-------|--------------------------------|------|---------------------------|--------------|------------|------------|-----------|-----------------|--|--|--|--|--|--------------|
| Sample Number | | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTEX (ppb) | VOCs (ppb) | TPH (ppb) | Volatiles (ppb) | | | | | | |
| F5-1213-01 | | 12/13/95 | 08:32 | | X | DECON BLANK | 1 | X | X | X | X | | | | | | STANDARD T/A |
| F1-0 | | 12/13/95 | 08:40 | | X | LOCATION 1 0-2 FT DEPTH | 1 | X | X | X | X | | | | | | |
| F1-4 | | 12/13/95 | 08:48 | | X | LOCATION 1 4-6 FT DEPTH | 1 | X | X | X | X | | | | | | |
| F1-9 | | 12/13/95 | 08:55 | | X | LOCATION 1 9-11 FT DEPTH | 1 | | | | | | | | | | HOLD |
| F1-14 | | 12/13/95 | 09:05 | | X | LOCATION 1 14-16 FT DEPTH | 1 | | | | | | | | | | HOLD |
| F2-0 | | 12/13/95 | 09:16 | | X | LOCATION 2 0-2 FT DEPTH | 1 | X | X | X | X | | | | | | |
| F2-4 | | 12/13/95 | 09:25 | | X | LOCATION 2 4-6 FT DEPTH | 1 | X | X | X | X | | | | | | |
| F2-9 | | 12/13/95 | 09:30 | | X | LOCATION 2 9-11 FT DEPTH | 1 | | | | | | | | | | HOLD |
| F2-14 | | 12/13/95 | 09:35 | | X | LOCATION 2 14-16 FT DEPTH | 1 | | | | | | | | | | HOLD |
| F3-0 | | 12/14/95 | 09:40 | | X | LOCATION 3 0-2 FT DEPTH | 1 | X | X | X | X | | | | | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | Remarks: | | | | | | | | | |
| Name: ERIC MARLEN | | 12/15/95 | | Name: Jane Dinges | | PERSONAL DELIVERY | | | | | | | | | | | |
| Signature: [Signature] | | 17:05 | | Signature: Jane Dinges | | | | | | | | | | | | | |
| Company: HWT | | | | Company: HazWaste Technologies | | | | | | | | | | | | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | Remarks: | | | | | | | | | |
| Name: | | | | Name: | | | | | | | | | | | | | |
| Signature: | | | | Signature: | | | | | | | | | | | | | |
| Company: | | | | Company: | | | | | | | | | | | | | |
| HWT Purchase Order Number | | P951215-01 | | | | | | | | | | | | | | | |

CHAIN OF CUSTODY RECORD

| Project No. | | Project | | COMMENTS | | | | | | | | | | | |
|---------------------------|----------|-------------------------------|------|------------------------|------|---------------------------|--------------|-------------------|------------|-------------------------|--------------|--|--|--|--|
| | | BUCKLEY AND BART FUELING AREA | | | | | | | | | | | | | |
| Sample Number | | Date | Time | Comp | Grab | Description of Location | No. of Cont. | ANALYSIS REQUIRED | | | | | | | |
| | | | | | | | | BTEX (B&G) | TVPH (B&G) | VOLATILE ORGANICS (P&D) | | | | | |
| F3-4 | 12/13/95 | 09:45 | | X | | LOCATION 3 4-6 FT DEPTH | 1 | X | X | X | STANDARD T/A | | | | |
| F3-9 | 12/13/95 | 09:50 | | X | | LOCATION 3 9-11 FT DEPTH | 1 | | | | HOLD | | | | |
| F3-14 | 12/13/95 | 09:55 | | X | | LOCATION 3 14-16 FT DEPTH | 1 | | | | HOLD | | | | |
| F4-0 | 12/13/95 | 10:10 | | X | | LOCATION 4 0-2 FT DEPTH | 1 | X | X | X | | | | | |
| F4-4 | | | | | | | | | | | | | | | |
| F4-4 | 12/13/95 | 10:15 | | X | | LOCATION 4 4-6 FT DEPTH | 1 | X | X | X | | | | | |
| F4-9 | 12/13/95 | 10:20 | | X | | LOCATION 4 9-11 FT DEPTH | 1 | | | | HOLD | | | | |
| F4-14 | 12/13/95 | 10:25 | | X | | LOCATION 4 14-16 FT DEPTH | 1 | | | | HOLD | | | | |
| F5-0 | 12/13/95 | 10:30 | | X | | LOCATION 5 0-2 FT DEPTH | 1 | X | X | X | | | | | |
| F5-4 | 12/13/95 | 10:35 | | X | | LOCATION 5 4-6 FT DEPTH | 1 | X | X | X | | | | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | Remarks: | | | | | | | |
| Name: ERIC MARLER | | 12/15/95 | | Name: Jane Dinges | | PERSONAL DELIVERY | | | | | | | | | |
| Signature: [Signature] | | 17:05 | | Signature: Jane Dinges | | | | | | | | | | | |
| Company: HWT | | | | Company: Hydrologic | | 12-15-95 1705 | | | | | | | | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | Remarks: | | | | | | | |
| Name: | | | | Name: | | | | | | | | | | | |
| Signature: | | | | Signature: | | | | | | | | | | | |
| Company: | | | | Company: | | | | | | | | | | | |
| HWT Purchase Order Number | | 0951215-01 | | | | | | | | | | | | | |

CHAIN OF CUSTODY RECORD

HazWaste Technologies® Corporation

| Project No. | | Project | | ANALYSIS REQUIRED | | | | | | | | | | COMMENTS | | |
|-------------------------------|----------|-------------|------|--------------------------------|-------------------------|--------------------|------------|------------|-----------|--|--|--|--|--------------|--|----------|
| Buckley ANG Base Fueling Area | | (Signature) | | | | | | | | | | | | | | |
| Samplers: (Name) | | | | | | | | | | | | | | | | |
| ERIC MARLER | | | | | | | | | | | | | | | | |
| ASVIN WAMAN | | | | | | | | | | | | | | | | |
| Sample Number | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTEX (D20) | VOCs (D20) | TPH (D20) | | | | | | | |
| FS-9 | 12/13/95 | 10:40 | | X | LOCATION 5 | 1 | | | | | | | | STANDARD T/A | | |
| FS-14 | 12/13/95 | 10:45 | | X | LOCATION 5 | 1 | | | | | | | | HOLD | | |
| FG-10 | 12/13/95 | 13:11 | | X | LOCATION 6 | 1 | X | X | | | | | | HOLD | | |
| FG-4 | 12/13/95 | 13:20 | | X | LOCATION 6 | 1 | X | X | | | | | | | | |
| FG-9 | 12/13/95 | 13:25 | | X | LOCATION 6 | 1 | | | | | | | | HOLD | | |
| FG-14 | 12/13/95 | 13:30 | | X | LOCATION 6 | 1 | | | | | | | | HOLD | | |
| F7-0 | 12/13/95 | 13:25 | | X | LOCATION 7 | 1 | X | X | X | | | | | | | |
| F7-4 | 12/13/95 | 13:30 | | X | LOCATION 7 | 1 | X | X | X | | | | | | | |
| F7-5 | | | | | | | | | | | | | | | | |
| F7-9 | 12/13/95 | 13:35 | | X | LOCATION 7 | 1 | | | | | | | | HOLD | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | | | | | | | | | Remarks: |
| Name: ERIC MARLER | | | | Name: Jane Dinges | | PENNSA DELIVERY | | | | | | | | | | |
| Signature: <i>[Signature]</i> | | | | Signature: <i>[Signature]</i> | | | | | | | | | | | | |
| Company: HWT | | | | Company: HazWaste Technologies | | | | | | | | | | | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | | | | | | | | | Remarks: |
| Name: | | | | Name: | | | | | | | | | | | | |
| Signature: | | | | Signature: | | | | | | | | | | | | |
| Company: | | | | Company: | | | | | | | | | | | | |
| HWT Purchase Order Number | | P951215-01 | | | | | | | | | | | | | | |



CHAIN OF CUSTODY RECORD


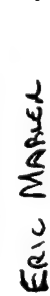
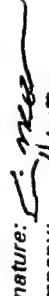
| Project No. | | Project | | ANALYSIS REQUIRED | | | | | | | | | | COMMENTS | | | | | |
|---------------|--|----------|-------|-------------------|------|--------------------------------------|--------------|-------------|------------|--------------------------|--|--|--|----------|--------------|--|--|--|--|
| Sample Number | | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTEX (2010) | THP (2011) | Volatile Organics (2014) | | | | | | | | | |
| F7-14 | | 12/13/95 | 13:40 | | X | LOCATION 7 | 1 | | | | | | | | STANDARD T/A | | | | |
| F8-0 | | 12/13/95 | 15:45 | | X | LOCATION 8 | 1 | | | | | | | | HOLD | | | | |
| F8-4 | | 12/13/95 | 15:50 | | X | LOCATION 8 4-6 FT DEPTH | 1 | | | | | | | | HOLD | | | | |
| F8-9 | | 12/13/95 | 15:55 | | X | LOCATION 8 9-11 FT DEPTH | 1 | | | | | | | | HOLD | | | | |
| F8-14 | | 12/13/95 | 16:00 | | X | LOCATION 8 14-16 FT DEPTH | 1 | | | | | | | | HOLD | | | | |
| F9-0 | | 12/13/95 | 14:40 | | X | LOCATION 9 | 1 | X | X | X | | | | | | | | | |
| F9-4 | | 12/13/95 | 14:45 | | X | LOCATION 9 4-6 FT DEPTH | 1 | | | | | | | | HOLD | | | | |
| F9-9 | | 12/13/95 | 14:50 | | X | LOCATION 9 9-11 FT DEPTH | 1 | | | | | | | | HOLD | | | | |
| F9-14 | | 12/13/95 | 14:55 | | X | LOCATION 9 LOCATION 9 14-16 FT DEPTH | 1 | X | X | X | | | | | | | | | |
| F10-0 | | 12/13/95 | 14:55 | | X | LOCATION 10 0-2 FT DEPTH | 1 | X | X | X | | | | | | | | | |

| Relinquished by: | | Received by: | |
|------------------|------------|--------------------------------|------------|
| Name: | Signature: | Name: | Signature: |
| ERIC MARLER | | Jane Dinges | |
| Company: HWT | | Company: HazWaste Technologies | |

| Relinquished by: | | Received by: | |
|------------------|------------|--------------|------------|
| Name: | Signature: | Name: | Signature: |
| | | | |
| Company: | | Company: | |

| HWT Purchase Order Number | |
|---------------------------|--|
| 985 1215-01 | |

CHAIN OF CUSTODY RECORD

| Project No. | | Project | | ANALYSIS REQUIRED | | | | COMMENTS | |
|--|----------|---|------|--------------------------------|----------------------------|--------------|--------------------|------------|-------------|
| Samplers: (Name) | | (Signature) | | | | | | | |
| ERIC MARCEL | |  | | | | | | | |
| ASVIN WIRAN | |  | | | | | | | |
| Sample Number | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTX (P025) | TVH (P015) | LEAK (P040) |
| F10-4 | 12/13/95 | 14:55 | | X | LOCATION 10 4-6 FT DEPTH | 1 | | | |
| F10-7 | 12/13/95 | 14:58 | | X | LOCATION 10 7-11 FT DEPTH | 1 | | | |
| F10-14 | 12/13/95 | 15:00 | | X | LOCATION 10 14-16 FT DEPTH | 1 | X | X | X |
| F11-0 | 12/13/95 | 15:03 | | X | LOCATION 11 0-2 FT DEPTH | 1 | X | X | |
| F11-1 | 12/13/95 | 15:10 | | X | LOCATION 11 4-6 FT DEPTH | 1 | X | X | |
| F11-9 | 12/13/95 | 15:15 | | X | LOCATION 11 7-11 FT DEPTH | 1 | | | |
| F11-14 | 12/13/95 | 15:20 | | X | LOCATION 11 14-16 FT DEPTH | 1 | | | |
| TS1213-02 | 12/13/95 | | | X | DECON BLANK | 1 | X | X | X |
| TRIP BLANK | | | | X | TRIP BLANK | 2 | X | X | X |
| | | | | | | | | | |
| Relinquished by: | | Date/Time | | Received by: | | | Means of Delivery: | | |
| Name: ERIC MARCEL | | 12/15/95 | | Name: Jane Dirges | | | PERSONAL DELIVERY | | |
| Signature:  | | 17:05 | | Signature: Jane Dirges | | | | | |
| Company: HWT | | | | Company: HazWaste Technologies | | | | | |
| Relinquished by: | | Date/Time | | Received by: | | | Means of Delivery: | | |
| Name: | | | | Name: | | | | | |
| Signature: | | | | Signature: | | | | | |
| Company: | | | | Company: | | | | | |
| HWT Purchase Order Number: 951215-01 | | | | | | | | | |



CHAIN OF CUSTODY RECORD

| Project No. | | Project | | ANALYSIS REQUIRED | | COMMENTS | | |
|---|--|--------------------------------|--|-------------------|---|----------------------------|--------------|----------|
| Sample Number | | Date | Time | Comp | Grab | Description of Location | No. of Cont. | |
| F15-0 | | 12/14/95 | 07:55 | | X | LOCATION 15 0-2 FT DEPTH | 1 | |
| F15-4 | | 12/14/95 | 08:00 | | X | LOCATION 15 4-6 FT DEPTH | 1 | |
| F15-9 | | 12/14/95 | 08:05 | | X | LOCATION 15 9-11 FT DEPTH | 1 | |
| F15-14 | | 12/14/95 | 08:10 | | X | LOCATION 15 14-16 FT DEPTH | 1 | |
| F16-0 | | 12/14/95 | 08:25 | | X | LOCATION 16 0-2 FT DEPTH | 1 | |
| F16-4 | | 12/14/95 | 08:30 | | X | LOCATION 16 4-6 FT DEPTH | 1 | |
| F16-9 | | 12/14/95 | 08:35 | | X | LOCATION 16 9-11 FT DEPTH | 1 | |
| F16-14 | | 12/14/95 | 08:40 | | X | LOCATION 16 14-16 FT DEPTH | 1 | |
| F17-0 | | 12/14/95 | 08:55 | | X | LOCATION 17 0-2 FT DEPTH | 1 | |
| F17-4 | | 12/14/95 | 09:00 | | X | LOCATION 17 4-6 FT DEPTH | 1 | |
| Relinquished by: Name: ERIC MARLER Signature: Company: HWT | | Date/Time 12/15/95 17:05 | Received by: Name: Jane Dinges Signature: Company: Hazardous Waste Disposal | | Means of Delivery: PERMANENT DELIVERY 45 1705 | | | Remarks: |
| Relinquished by: Name: Signature: Company: HWT | | Date/Time | Received by: Name: Signature: Company: | | Means of Delivery: | | | Remarks: |
| HWT Purchase Order Number | | P451215-01 | | | | | | |

BUCKLEY ANG BASE - FUELING AREA

Samplers: (Name) (Signature)

ERIC MARLER

ASVIN WARAN

STANDARD T/A

HOLD

HOLD

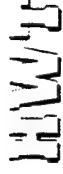
HOLD

HOLD

CHAIN OF CUSTODY RECORD

HazWaste Technologies Corporation

| Project No. | | Project | | ANALYSIS REQUIRED | | | | | | | | | | COMMENTS | |
|---------------------------------|----------|---------|------|-------------------|-------------------------|--------------------------------|------|--------------------|-------------------|---|--|--|----------|--------------|--|
| Buckley ANG Base - Fueling Area | | | | | | | | | | | | | | | |
| Samplers: (Name) | | | | | | | | | | | | | | | |
| ERIC MARLER | | | | | | | | | | | | | | | |
| ASVIN WARAN | | | | | | | | | | | | | | | |
| Sample Number | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTEX | THP | Volatile Organics | | | | | | |
| F17-9 | 12/14/95 | 09:05 | | X | LOCATION 17 | 9-11 FT DEPTH | 1 | | | | | | | STANDARD T/A | |
| F17-14 | 12/14/95 | 09:10 | | X | LOCATION 17 | 14-16 FT DEPTH | 1 | | | | | | | HOLD | |
| F18-0 | 12/14/95 | 09:32 | | X | LOCATION 18 | 0-2 FT DEPTH | 1 | X | X | X | | | | HOLD | |
| F18-4 | 12/14/95 | 09:35 | | X | LOCATION 18 | 4-6 FT DEPTH | 1 | | | | | | | HOLD | |
| F18-9 | 12/14/95 | 09:40 | | X | LOCATION 18 | 9-11 FT DEPTH | 1 | X | X | X | | | | | |
| F18-14 | 12/14/95 | 09:45 | | X | LOCATION 18 | 14-16 FT DEPTH | 1 | | | | | | | HOLD | |
| F19-0 | 12/14/95 | 10:00 | | X | LOCATION 19 | 0-2 FT DEPTH | 1 | X | X | X | | | | | |
| F19-4 | 12/14/95 | 10:05 | | X | LOCATION 19 | 4-6 FT DEPTH | 1 | | | | | | | HOLD | |
| F19-9 | 12/14/95 | 10:10 | | X | LOCATION 19 | 9-11 FT DEPTH | 1 | | | | | | | HOLD | |
| F19-14 | 12/14/95 | 10:15 | | X | LOCATION 19 | 14-16 FT DEPTH | 1 | | | | | | | HOLD | |
| Relinquished by: | | | | Date/Time | | Received by: | | Means of Delivery: | | | | | Remarks: | | |
| Name: ERIC MARLER | | | | 12/15/95 | | Name: Jane Dinges | | Personal Delivery | | | | | | | |
| Signature: [Signature] | | | | 17:05 | | Signature: Jane Dinges | | | | | | | | | |
| Company: HWT | | | | | | Company: HazWaste Technologies | | | | | | | | | |
| Relinquished by: | | | | Date/Time | | Received by: | | Means of Delivery: | | | | | Remarks: | | |
| Name: | | | | | | Name: | | | | | | | | | |
| Signature: | | | | | | Signature: | | | | | | | | | |
| Company: | | | | | | Company: | | | | | | | | | |
| HWT Purchase Order Number | | | | 8951215-03 | | | | | | | | | | | |



| Project No. | | Project | | ANALYSIS REQUIRED | | | | COMMENTS | |
|-------------------------------|----------|-----------|------|--|------|----------------------------|--------------|--------------|---|
| Sample Number | | Date | Time | Comp | Grab | Description of Location | No. of Cont. | | |
| F19 | | 12/14/95 | | | | | | STANDARD T/A | |
| F20-0 | 12/14/95 | 10:35 | | | X | LOCATION 20 0-2 FT DEPTH | 1 | X | X |
| F20-4 | 12/14/95 | 10:40 | | | X | LOCATION 20 4-6 FT DEPTH | 1 | X | X |
| F20-9 | 12/14/95 | 10:45 | | | X | LOCATION 20 9-11 FT DEPTH | 1 | | |
| F20-14 | 12/14/95 | 10:50 | | | X | LOCATION 20 14-16 FT DEPTH | 1 | | |
| F12-0 | 12/14/95 | 12:40 | | | X | LOCATION 12 0-2 FT DEPTH | 1 | | |
| F12-4 | 12/14/95 | 12:45 | | | X | LOCATION 12 4-6 FT DEPTH | 1 | | |
| F12-9 | 12/14/95 | 12:50 | | | X | LOCATION 12 9-11 FT DEPTH | 1 | | |
| F12-14 | 12/14/95 | 12:55 | | | X | LOCATION 12 14-16 FT DEPTH | 1 | | |
| F13-0 | 12/14/95 | 13:00 | | | X | LOCATION 13 0-2 FT DEPTH | 1 | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | Remarks: | |
| Name: ERIC MARLER | | 12/15/95 | | Name: Jane Dinges | | PERSONAL DELIVERY | | | |
| Signature: <i>Eric Marler</i> | | | | Signature: <i>Jane Dinges</i> | | | | | |
| Company: <i>HWT</i> | | | | Company: <i>Hazardous Waste Technologies, Inc.</i> | | | | | |
| Relinquished by: | | Date/Time | | Received by: | | Means of Delivery: | | Remarks: | |
| Name: | | | | Name: | | | | | |
| Signature: | | | | Signature: | | | | | |
| Company: | | | | Company: | | | | | |
| HWT Purchase Order Number | | | | | | | | | |

CHAIN OF CUSTODY RECORD

| Project No. Project | | Buckley ANG Base Fueling Area (Signature) | | | | ANALYSIS REQUIRED | | | | COMMENTS | |
|--|----------|--|--|------|------|----------------------------|--|-----|----------|--------------------|--------------|
| Samplers: (Name) ERIC MARLER ASVIN WARRAN | | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTX | TVH | Volatiles Organics | |
| F13-4 | 12/14/95 | 13:05 | | | X | LOCATION 13 4-6 ft DEPTH | 1 | | | | STANDARD T/A |
| F13-9 | 12/14/95 | 13:10 | | | X | LOCATION 13 9-11 ft DEPTH | 1 | | | | HOLD |
| F13-14 | 12/14/95 | 13:15 | | | X | LOCATION 13 14-16 ft DEPTH | 1 | | | | HOLD |
| F14-0 | 12/14/95 | 13:20 | | | X | LOCATION 14 0-2 ft DEPTH | 1 | | | | HOLD |
| F14-4 | 12/14/95 | 13:25 | | | X | LOCATION 14 4-6 ft DEPTH | 1 | | | | HOLD |
| F14-9 | 12/14/95 | 13:30 | | | X | LOCATION 14 9-11 ft DEPTH | 1 | | | | HOLD |
| F14-14 | 12/14/95 | 13:35 | | | X | LOCATION 14 14-16 ft DEPTH | 1 | | | | HOLD |
| F21-0 | 12/14/95 | 14:10 | | | X | LOCATION 21 0-2 ft DEPTH | 1 | | | | HOLD |
| F21-4 | 12/14/95 | 14:25 | | | X | LOCATION 21 4-6 ft DEPTH | 1 | | | | HOLD |
| F21-9 | 12/14/95 | 14:30 | | | X | LOCATION 21 9-11 ft DEPTH | 1 | | | | HOLD |
| Relinquished by: Name: ERIC MARLER Signature: <i>[Signature]</i> Company: HWT | | Date/Time 17:05 12/15/95 | Received by: Name: Jane Dinges Signature: <i>[Signature]</i> Company: Hazwaste Technologies | | | | Means of Delivery: PERSONAL DELIVERY 12/15-95 1705 | | Remarks: | | |
| Relinquished by: Name: Signature: Company: | | Date/Time | Received by: Name: Signature: Company: | | | | Means of Delivery: | | Remarks: | | |
| HWT Purchase Order Number 7950 | | 951215.01 | | | | | | | | | |

CHAIN OF CUSTODY RECORD

| Project No. | | Project | | | | | | | | ANALYSIS REQUIRED | | | | | | | COMMENTS |
|---------------------------------|----------|-------------------------------|------|--|------|---|--------------|----------|-----|-------------------|--|--|--|--|--|--|--------------|
| Sample Number | | Date | Time | Comp | Grab | Description of Location | No. of Cont. | BTEX | TPH | VOLATILE ORGANICS | | | | | | | |
| PROJECT NO. 9801 | | BUCKLEY ANG BASE FUELING AREA | | (Signature) | | | | | | | | | | | | | |
| SAMPLERS: (Name) ERIC MARLEN | | | | | | | | | | | | | | | | | |
| ASUW WARREN | | | | | | | | | | | | | | | | | |
| F-21-N | 12/14/95 | 14:35 | | X | | LOCATION 21 14-16 FT DEPTH | 1 | | | | | | | | | | STANDARD T/A |
| Q51214-01 | 12/14/95 | 10:35 | | X | | LOW DECON BLANK | 1 | X | X | X | | | | | | | HOLD |
| Q51214-02 | 12/14/95 | 10:35 | | X | | LOW DECON EQUIPMENT BLANK | 1 | X | X | X | | | | | | | |
| Q51214-03 | 12/14/95 | 14:25 | | X | | DECON BLANK | 1 | X | X | X | | | | | | | |
| Q51214-10 | 12/14/95 | 14:50 | | X | | INVESTIGATION DERIVED WASTE DRUM | 1 | | | | | | | | | | HOLD |
| BG | 12/14/95 | 07:45 | | X | | BACK GROUND LOCATION 0-2 FT DEPTH | 1 | X | X | X | | | | | | | |
| THP BLANK | | | | X | | | 2 | X | X | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| RELINQUISHED BY: ERIC MARLEN | | Date/Time 17:05 | | Received by: Name: Jane Dinges Signature: Jane Dinges Company: Hydrologic | | Means of Delivery: Personal Delivery | | Remarks: | | | | | | | | | |
| Signature: [Signature] | | 12/15/95 | | Received by: Name: Signature: Company: | | 12-15-95 HWS | | Remarks: | | | | | | | | | |
| Company: HWJ | | Date/Time | | Name: Signature: Company: | | HWT | | Remarks: | | | | | | | | | |
| Relinquished by: | | Date/Time | | Name: Signature: Company: | | HWT | | Remarks: | | | | | | | | | |
| Name: | | Date/Time | | Name: Signature: Company: | | HWT | | Remarks: | | | | | | | | | |
| Signature: | | Date/Time | | Name: Signature: Company: | | HWT | | Remarks: | | | | | | | | | |
| Company: | | Date/Time | | Name: Signature: Company: | | HWT | | Remarks: | | | | | | | | | |
| HWT Purchase Order Number | | Date/Time | | Name: Signature: Company: | | HWT | | Remarks: | | | | | | | | | |

APPENDIX H
RESULTS OF IDW ANALYSIS

HYDROLOGIC LABORATORIES, INC

Feb 20, 1996

Haz-waste Technologies Corp.
Mr. Eric Marler
2995 Center Green Court South
Boulder, CO 80301

Dear Mr. Marler,

Please find enclosed the report for 1 sample received at HydroLogic Laboratories, Inc. on 12 Feb 1996 for your project number, BUCKLEY ANG BASE. The report reference is L2519.

If you have any questions, please call (303) 659-0497.

Sincerely,



Bob Cathel
Project Manager

Sample Cross Reference Table

Company Name: Haz-waste Technologies Corp.

HydroLogic Login Number: L2519

| HydroLogic Sample Number | Client Sample Identification | Sample Date/Time |
|---------------------------------|-------------------------------------|-------------------------|
| L2519-1 | IDW-960208 | 08 Feb 96 15:55 |

DATE AND TIME SUMMARY

Company Name: Haz-waste Technologies Corp.
Project: BUCKLEY ANG BASE

HydroLogic Login Number: L2519

| METHOD | COLLECTED | PREPARED | ANALYZED |
|------------------------|-----------------------|--------------|----------------|
| SAMPLE NUMBER: L2519-1 | CLIENT ID: IDW-960208 | MATRIX: Soil | |
| SW-846, 8020 | 02/08/96 15:55 | 02/15/96 | 02/15/96 10:02 |

CHAIN OF CUSTODY RECORD

[illegible]

FINAL
RESULTS

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: IDW-960208
Project Number: BUCKLEY ANG BASE
Sample ID: L2519-1
Site / Project ID: Not Reported
Run ID: R3134
Collection Date: 08-FEB-96
Received Date: 12-FEB-96
Report Date: 16-FEB-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | RL |
|--------------------------------|-----------|-----|--------------|-------|----|
| SW846 Method 5030/8020 | | | | | |
| Preparation Date: 15-FEB-96 | | | | | |
| Analysis Date: 15-FEB-96 10:02 | | | | | |
| Workgroup Number: WG5686 | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | 1 |
| Toluene | 108-88-3 | 1 | 1.95 | ug/Kg | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | 2.4 | ug/Kg | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 99 | % | |

Review By: Ty Garber

Report Approved By: Randy Greaves

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

QC

DATA

PACKAGE

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5640-1
Site / Project ID: Not Reported
Run ID: R3134
Collection Date: Not Reported
Received Date: 14-FEB-96
Report Date: 14-FEB-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | RL |
|--------------------------------|-----------|-----|--------------|-------|----|
| SW846 Method 5030/8020 | | | | | |
| Preparation Date: 13-FEB-96 | | | | | |
| Analysis Date: 13-FEB-96 09:17 | | | | | |
| Workgroup Number: WG5640 | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/Kg | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 103 | % | |

Review By: Ty Garber

Report Approved By: Randy Greaves

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: Method Blank
Project Number: Not Reported
Sample ID: WG5686-1
Site / Project ID: Not Reported
Run ID: R3134
Collection Date: Not Reported
Received Date: 16-FEB-96
Report Date: 16-FEB-96

| Analyte | CAS No. | Dil | Sample Conc. | Units | RL |
|--------------------------------|-----------|-----|--------------|-------|----|
| SW846 Method 5030/8020 | | | | | |
| Preparation Date: 15-FEB-96 | | | | | |
| Analysis Date: 15-FEB-96 09:22 | | | | | |
| Workgroup Number: WG5686 | | | | | |
| Benzene | 71-43-2 | 1 | ND | ug/Kg | 1 |
| Ethylbenzene | 100-41-4 | 1 | ND | ug/Kg | 1 |
| Toluene | 108-88-3 | 1 | ND | ug/Kg | 1 |
| (m,p)-Xylene | 108-38-3 | 1 | ND | ug/Kg | 2 |
| o-Xylene | 95-47-6 | 1 | ND | ug/Kg | 1 |
| 4-Bromofluorobenzene | SURROGATE | 1 | 103 | % | |

Review By: Ty Garber

Report Approved By: Randy Greaves

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Laboratory Control Spike / Laboratory Control Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Sample Id: LCS/LCSD Pair
Work Group Id: WG5640-2
Run Id: R3134
GALP Record Id: Not Reported
Preparation Date: 13-FEB-96
Analysis Date: 13-FEB-96
Report Date: 14-FEB-96

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | LCS Add | LCSD Add | Units | LCS %REC | LCSD %REC | LCS/LCSD RPD | QUAL (1) |
|--------------------------------|----------|-----------|------------|-----------|---------|----------|-------|----------|-----------|--------------|----------|
| SH846 Method 5030/8020 | | | | | | | | | | | |
| Preparation Date: 13-FEB-96 | | | | | | | | | | | |
| Analysis Date: 13-FEB-96 08:36 | | | | | | | | | | | |
| Workgroup Number: WG5640 | | | | | | | | | | | |
| Benzene | 71-43-2 | 66 | 142 | 21 | 20 | 20 | ug/Kg | 96 | 100 | 4 | --- |
| Ethylbenzene | 100-41-4 | 55 | 150 | 25 | 20 | 20 | ug/Kg | 101 | 109 | 8 | --- |
| Toluene | 108-88-3 | 59 | 139 | 21 | 20 | 20 | ug/Kg | 102 | 108 | 6 | --- |
| (m,p)-Xylene | 108-38-3 | 55 | 150 | 25 | 40 | 40 | ug/Kg | 101 | 111 | 9 | --- |
| o-Xylene | 95-47-6 | 55 | 150 | 25 | 20 | 20 | ug/Kg | 97 | 106 | 9 | --- |

Note:
Technical Review By: Ty Garber

Note:
Report Approved By: Randy Greaves

(1) QUAL
 "Limits"
 "LCS, SD Add"
 "LCS %REC"
 "LCSD %REC"
 "LCS/LCSD RPD"
 NR

* = LCS Outside Control Limits; # = LCSD Outside Control Limits; @ = RPD Outside Control Limits; --- = Value Within Control Limits
 - The "Limits" reported above (Low, High and RPD) are in units of percent (%).
 - The conc. of analyte added to the LCS or LCSD sample.
 - Laboratory Control Sample Percent Recovery
 - Laboratory Control Sample Duplicate Percent Recovery
 - Laboratory Control Sample / Laboratory Control Sample Duplicate Relative Percent Difference
 - Not Reported

Matrix Spike / Matrix Spike Duplicate QC Report
Prepared By: HydroLogic Laboratories, Inc.

Client Id: Not Reported
Work Group Id: WG5640-4
Run Id: R3134
GALP Record Id: Not Reported
Preparation Date: 13-FEB-96
Analysis Date: 13-FEB-96
Report Date: 14-FEB-96

| Analyte | CAS No. | Low Limit | High Limit | RPD Limit | MS Add | MSD Add | Units | Sample Conc | MS %REC | MSD %REC | MS/MSD RPD | QUAL (1) |
|--------------|----------|-----------|------------|-----------|--------|---------|-------|-------------|---------|----------|------------|----------|
| Benzene | 71-43-2 | 66 | 142 | 21 | 20 | 20 | ug/Kg | ND | 97 | 106 | 9 | --- |
| Ethylbenzene | 100-41-4 | 55 | 150 | 25 | 20 | 20 | ug/Kg | ND | 94 | 103 | 9 | --- |
| Toluene | 108-88-3 | 59 | 139 | 21 | 20 | 20 | ug/Kg | ND | 97 | 107 | 10 | --- |
| (m,p)-Xylene | 108-38-3 | 55 | 150 | 25 | 40 | 40 | ug/Kg | ND | 95 | 104 | 9 | --- |
| o-Xylene | 95-47-6 | 55 | 150 | 25 | 20 | 20 | ug/Kg | ND | 89 | 98 | 10 | --- |

SW846 Method 5030/8020
Preparation Date: 13-FEB-96
Analysis Date: 13-FEB-96 10:37
Workgroup Number: WG5640

Note:
Technical Review By: Ty Garber
Report Approved By: Randy Greaves

- * = MS Outside Control Limits; # = MSD Outside Control Limits; a = RPD Outside Control Limits; i = Value Within Control Limits
- (1) QUAL
- (1) QUAL
- "Limits"
- "MS, MSD Add"
- "Sample Conc"
- "MS %REC"
- "MSD %REC"
- "MS/MSD RPD"
- NR
- ND
- The sample concentration is greater than two times the MS or MSD spike conc. High analyte conc. will effect the MS/MSD recoveries.
- The "Limits" reported above (Low, High and RPD) are in units of percent (%).
- The conc. of analyte added to the MS or MSD sample (soil results are corrected for % moisture).
- The units are the same as those reported on the Form 1 Data Summary Report (soil results are corrected for % moisture).
- Matrix Spike Percent Recovery
- Matrix Spike Duplicate Percent Recovery
- Matrix Spike / Matrix Spike Duplicate Relative Percent Difference
- Not Reported
- Analyte "Not Detected" above the method detection limit.

APPENDIX I
RECORD OF TELEPHONE CALL WITH CDPHE

Telephone Call Record

Call initiated by:

Asvin Waran
HazWaste Technologies® Corp.
2995 Center Green Court
Boulder, CO 80301

Person Called:

Peter Laux
Solid Waste Section
HMWMD-B2
Colorado Dept. of Public Health &
Environment,
4300 Cherry Creek Dr. South
Denver, CO 80222-1530
(303)692-3455 (voice)

Subject: Cleanup Standards Applicable to JP-4 Spills at Buckley ANG Base

Date: December 21, 1995

The purpose of the call was to determine the cleanup standards applicable to two sites where JP-4 had been spilled at Buckley ANG Base, namely the Fueling Area where 1600 gallons had been spilled while loading a tanker truck, and the F-16 Crash Site where 1500 gallons of JP-4 had been spilled when an F-16 crashed during takeoff.

Topics of Conversation:

1. Please specify the regulatory standard that applies for cleanup of these sites?

There is no specific regulatory standard for petroleum products. Cleanup standards generally follow Storage Tank Owner/Operator Guidance documents for Second-Level Site assessment, Use of State Cleanup Guidelines and Management of Contaminated Materials.

2. What Remedial Action Category (RAC) applies to cleanup of these sites?

RAC III, with cleanup requirements of 100 mg/kg total BTEX and 500 mg/kg TVPH applies these sites based on the following:

1. If no wells are used to supply drinking water at Buckley ANG Base and none are foreseen for the future.
2. The groundwater table is quite low.

3. Do we submit the Site Assessment work plan and report to the Solid Waste Section?

Yes. The work plan and the Site Assessment Report may be submitted together. After approval of the recommendations for cleanup, the cleanup may be implemented. Documentation of the cleanup should then be sent to the Solid Waste Section.

Telephone Call Record

Call initiated by:

**Asvin Waran
HazWaste Technologies® Corp.
2995 Center Green Court
Boulder, CO 80301**

Person Called:

**Peter Laux
Solid Waste Section
HMWMD-B2
Colorado Dept. of Public Health &
Environment,
4300 Cherry Creek Dr. South
Denver, CO 80222-1530
(303)692-3455 (voice)**

**Subject: Site Assessments for Fueling Area and F-16 Crash Site at Buckley ANG Base
Date: January 29, 1996**

Topics of Conversation:

1. Piezometers and Monitoring Wells

A. Waran clarified that piezometers and monitoring wells would be installed only in the event depth to groundwater was found to be shallow. He stated that the original information used for preparing the work plan for the Fueling Area had been erroneous in stating that groundwater depth was at ~15'. Data from the State Engineer's Office shows that groundwater depth is between 40' and 60'. This was the reason that no groundwater was encountered during field work. Since the depth to groundwater is quite high, no piezometers or monitoring wells would be installed. P. Laux confirmed that he had understood that no piezometers or monitoring wells would be installed in both site assessment areas unless groundwater depths were shallow¹, or there is impact or grave threat of impact on groundwater.

2. Laboratory Analysis to be performed on core samples to be taken at the F-16 Crash Site.

A. Waran stated that an errata page would be issued for the work plan for the F-16 Crash Site to delete the Volatile Organics Analysis (Method 8240). He stated that samples from the Fueling Area had been tested for Volatile Organics and none had been detected. He also stated that Method 418.1 would be used to detect for hydraulic oil since this would not be detected by Method 8020. P. Laux suggested that Method 418.1 be used on selected samples in addition to Methods 8015 (for TPH) and 8020 (for BTEX), in areas where oil and grease are suspected to be present. He also cautioned that Total BTEX levels should be less than 20 mg/kg in soil outside the suspect contaminated areas. To determine whether the soil may have RCRA levels of Benzene, he stated that Benzene levels should be below 10 mg/kg in the contaminated soil.

Note1: Peter Laux defined "shallow" in a conversation on Aug. 8, 1996, as approximately 15' depending on the geology of the area assuming that no gravel is present.

APPENDIX J
CHRIS PAGES FOR JP-4

JET FUELS: JP-4

JPF

| | | | | |
|--|---|--|-----------|---------------|
| Common Synonyms | | Watery liquid | Colorless | Fuel oil odor |
| | | Floats on water. | | |
| Stop discharge if possible. Keep people away. Shut off ignition sources and call fire department. Avoid contact with liquid. Isolate and remove discharged material. Notify local health and pollution control agencies. | | | | |
| Fire | FLAMMABLE. Extinguish with dry chemical, foam, or carbon dioxide. Water may be ineffective on fire. Cool exposed containers with water. | | | |
| Exposure | CALL FOR MEDICAL AID. LIQUID Irritating to skin and eyes. Harmful if swallowed. Remove contaminated clothing and shoes. Flush affected areas with plenty of water. IF IN EYES, hold eyelids open and flush with plenty of water. IF SWALLOWED and victim is CONSCIOUS, have victim drink water or milk. DO NOT INDUCE VOMITING. | | | |
| Water Pollution | Dangerous to aquatic life in high concentrations. Fouling to shoreline. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes. | | | |
| 1. RESPONSE TO DISCHARGE (See Response Methods Handbook) Issue warning-high flammability Mechanical containment Should be removed Chemical and physical treatment | | 2. LABEL 2.1 Category: Flammable liquid 2.2 Class: 3 | | |
| 3. CHEMICAL DESIGNATIONS 3.1 CG Compatibility Class: Miscellaneous Hydrocarbon Mixtures 3.2 Formula: C ₁₂ H ₂₂ 3.3 IMO/UN Designation: 3.2/1863 3.4 DOT ID No.: 1863 3.5 CAS Registry No.: Data not available | | 4. OBSERVABLE CHARACTERISTICS 4.1 Physical State (as shipped): Liquid 4.2 Color: Colorless to light brown 4.3 Odor: Like fuel oil | | |
| 5. HEALTH HAZARDS 5.1 Personal Protective Equipment: Protective gloves; goggles or face shield. 5.2 Symptoms Following Exposure: Vapor causes slight irritation of eyes and nose. Liquid irritates stomach; if taken into lungs, causes coughing, distress, and rapidly developing pulmonary edema. 5.3 Treatment of Exposure: ASPIRATION: enforce bed rest; administer oxygen; call a doctor. INGESTION: do NOT induce vomiting; call a doctor. EYES: wash with plenty of water. SKIN: wipe off and wash with soap and water. 5.4 Threshold Limit Value: 200 ppm 5.5 Short Term Inhalation Limits: 2500 mg/m ³ for 60 min. 5.6 Toxicity by Ingestion: Grade 2; LD ₅₀ = 0.5 to 5 g/kg 5.7 Late Toxicity: Data not available 5.8 Vapor (Gas) Irritant Characteristics: Vapors cause a slight smarting of the eyes or respiratory system if present in high concentrations. The effect is temporary. 5.9 Liquid or Solid Irritant Characteristics: Minimum hazard. If spilled on clothing and allowed to remain, may cause smarting and reddening of the skin. 5.10 Odor Threshold: 1 ppm 5.11 IDLH Value: Data not available | | | | |

| <div>6. FIRE HAZARDS</div> <div>6.1 Flash Point: -10°F to +30°F C.C.</div> <div>6.2 Flammable Limits in Air: 1.3%-8.0%</div> <div>6.3 Fire Extinguishing Agents: Foam, dry chemical, or carbon dioxide</div> <div>6.4 Fire Extinguishing Agents Not to be Used: Not pertinent</div> <div>6.5 Special Hazards of Combustion Products: Not pertinent</div> <div>6.6 Behavior in Fire: Not pertinent</div> <div>6.7 Ignition Temperature: 464°F</div> <div>6.8 Electrical Hazard: Not pertinent</div> <div>6.9 Burning Rate: 4 mm/min.</div> <div>6.10 Adiabatic Flame Temperature: Data not available</div> <div>6.11 Stoichiometric Air to Fuel Ratio: Data not available</div> <div>6.12 Flame Temperature: Data not available</div> | <div>10. HAZARD ASSESSMENT CODE</div> <div>(See Hazard Assessment Handbook)</div> <div>A-T-U</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------|--------|-----------|---|--------|--|---------------------|---|-------------------------------|---|--------------|---|-----------------|--|---------------------|---|-----------------------|---|-----------------------|---|------------|--|----------------------|---|------------|---|--------------------|---|----------|----------------|---------------------------|---|-------------------------|---|--------------------------|---|
| <div>7. CHEMICAL REACTIVITY</div> <div>7.1 Reactivity With Water: No reaction</div> <div>7.2 Reactivity with Common Materials: No reaction</div> <div>7.3 Stability During Transport: Stable</div> <div>7.4 Neutralizing Agents for Acids and Caustics: Not pertinent</div> <div>7.5 Polymerization: Not pertinent</div> <div>7.6 Inhibitor of Polymerization: Not pertinent</div> <div>7.7 Molar Ratio (Reactant to Product): Data not available</div> <div>7.8 Reactivity Group: 33</div> | <div>11. HAZARD CLASSIFICATIONS</div> <div>11.1 Code of Federal Regulations: Flammable liquid</div> <div>11.2 NAS Hazard Rating for Bulk Water Transportation:</div> <table><thead><tr><th>Category</th><th>Rating</th></tr></thead><tbody><tr><td>Fire.....</td><td>3</td></tr><tr><td>Health</td><td></td></tr><tr><td>Vapor Irritant.....</td><td>1</td></tr><tr><td>Liquid or Solid Irritant.....</td><td>1</td></tr><tr><td>Poisons.....</td><td>1</td></tr><tr><td>Water Pollution</td><td></td></tr><tr><td>Human Toxicity.....</td><td>1</td></tr><tr><td>Aquatic Toxicity.....</td><td>1</td></tr><tr><td>Aesthetic Effect.....</td><td>3</td></tr><tr><td>Reactivity</td><td></td></tr><tr><td>Other Chemicals.....</td><td>0</td></tr><tr><td>Water.....</td><td>0</td></tr><tr><td>Self Reaction.....</td><td>0</td></tr></tbody></table> <div>11.3 NFPA Hazard Classification:</div> <table><thead><tr><th>Category</th><th>Classification</th></tr></thead><tbody><tr><td>Health Hazard (Blue).....</td><td>1</td></tr><tr><td>Flammability (Red).....</td><td>3</td></tr><tr><td>Reactivity (Yellow).....</td><td>0</td></tr></tbody></table> | Category | Rating | Fire..... | 3 | Health | | Vapor Irritant..... | 1 | Liquid or Solid Irritant..... | 1 | Poisons..... | 1 | Water Pollution | | Human Toxicity..... | 1 | Aquatic Toxicity..... | 1 | Aesthetic Effect..... | 3 | Reactivity | | Other Chemicals..... | 0 | Water..... | 0 | Self Reaction..... | 0 | Category | Classification | Health Hazard (Blue)..... | 1 | Flammability (Red)..... | 3 | Reactivity (Yellow)..... | 0 |
| Category | Rating | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire..... | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Health | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vapor Irritant..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Liquid or Solid Irritant..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Poisons..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water Pollution | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Human Toxicity..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aquatic Toxicity..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aesthetic Effect..... | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reactivity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other Chemicals..... | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water..... | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Self Reaction..... | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Category | Classification | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Health Hazard (Blue)..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flammability (Red)..... | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reactivity (Yellow)..... | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>8. WATER POLLUTION</div> <div>8.1 Aquatic Toxicity: 500 ppm/*salmon finingering/lethal/fresh water *Time period not specified</div> <div>8.2 Waterfowl Toxicity: Data not available</div> <div>8.3 Biological Oxygen Demand (BOD): 53%, 5 days</div> <div>8.4 Food Chain Concentration Potential: None</div> | <div>12. PHYSICAL AND CHEMICAL PROPERTIES</div> <div>12.1 Physical State at 15°C and 1 atm: Liquid</div> <div>12.2 Molecular Weight: Not pertinent</div> <div>12.3 Boiling Point at 1 atm: 349-549°F = 176-287°C = 449-560°K</div> <div>12.4 Freezing Point: < -54°F = < -48°C = <225°K</div> <div>12.5 Critical Temperature: Not pertinent</div> <div>12.6 Critical Pressure: Not pertinent</div> <div>12.7 Specific Gravity: 0.81 at 20°C (liquid)</div> <div>12.8 Liquid Surface Tension: (est.) 25 dynes/cm = 0.025 N/m at 20°C</div> <div>12.9 Liquid Water Interfacial Tension: (est.) 50 dynes/cm = 0.05 N/m at 20°C</div> <div>12.10 Vapor (Gas) Specific Gravity: Not pertinent</div> <div>12.11 Ratio of Specific Heats of Vapor (Gas): (est.) 1.030</div> <div>12.12 Latent Heat of Vaporization: 140 Btu/lb = 78 cal/g = 3.3 X 10⁴ J/kg</div> <div>12.13 Heat of Combustion: -18,540 Btu/lb = -10,300 cal/g = -431.24 X 10⁴ J/kg</div> <div>12.14 Heat of Decomposition: Not pertinent</div> <div>12.15 Heat of Solution: Not pertinent</div> <div>12.16 Heat of Polymerization: Not pertinent</div> <div>12.25 Heat of Fusion: Data not available</div> <div>12.26 Limiting Value: Data not available</div> <div>12.27 Reid Vapor Pressure: Data not available</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>9. SHIPPING INFORMATION</div> <div>9.1 Grades of Purity: 100%</div> <div>9.2 Storage Temperature: Ambient</div> <div>9.3 Inert Atmosphere: No requirement</div> <div>9.4 Venting: Open (flame arrester) or pressure-vacuum</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>NOTES</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|-----|-----------------|
| JPF | JET FUELS: JP-4 |
|-----|-----------------|

| 12.17 SATURATED LIQUID DENSITY | | 12.18 LIQUID HEAT CAPACITY | | 12.19 LIQUID THERMAL CONDUCTIVITY | | 12.20 LIQUID VISCOSITY | |
|-----------------------------------|--------------------------|-------------------------------|-------------------------------------|--------------------------------------|---|----------------------------|------------|
| Temperature (degrees F) | Pounds per cubic foot | Temperature (degrees F) | British thermal unit per pound-F | Temperature (degrees F) | British thermal unit-inch per hour- square foot-F | Temperature (degrees F) | Centipoise |
| 34 | 51.740 | 0 | .444 | 0 | .926 | -35 | 2.106 |
| 36 | 51.670 | 10 | .449 | 10 | .924 | -30 | 1.994 |
| 38 | 51.600 | 20 | .454 | 20 | .921 | -25 | 1.890 |
| 40 | 51.530 | 30 | .459 | 30 | .919 | -20 | 1.794 |
| 42 | 51.460 | 40 | .464 | 40 | .917 | -15 | 1.705 |
| 44 | 51.390 | 50 | .469 | 50 | .915 | -10 | 1.622 |
| 46 | 51.320 | 60 | .474 | 60 | .913 | -5 | 1.544 |
| 48 | 51.260 | 70 | .479 | 70 | .911 | 0 | 1.472 |
| 50 | 51.190 | 80 | .484 | 80 | .909 | 5 | 1.405 |
| 52 | 51.120 | 90 | .489 | 90 | .907 | 10 | 1.342 |
| 54 | 51.050 | 100 | .494 | 100 | .905 | 15 | 1.283 |
| 56 | 50.980 | 110 | .499 | 110 | .903 | 20 | 1.228 |
| 58 | 50.910 | 120 | .504 | 120 | .901 | 25 | 1.176 |
| 60 | 50.840 | 130 | .509 | 130 | .899 | 30 | 1.128 |
| 62 | 50.770 | 140 | .514 | 140 | .897 | 35 | 1.082 |
| 64 | 50.700 | 150 | .519 | 150 | .895 | 40 | 1.039 |
| 66 | 50.630 | 160 | .524 | 160 | .893 | 45 | .999 |
| 68 | 50.560 | 170 | .529 | 170 | .891 | 50 | .961 |
| 70 | 50.490 | 180 | .534 | 180 | .889 | 55 | .925 |
| 72 | 50.420 | 190 | .539 | 190 | .887 | 60 | .891 |
| 74 | 50.350 | 200 | .544 | 200 | .885 | 65 | .859 |
| 76 | 50.280 | 210 | .549 | 210 | .883 | 70 | .829 |
| 78 | 50.220 | | | | | 75 | .800 |
| 80 | 50.150 | | | | | | |
| 82 | 50.080 | | | | | | |
| 84 | 50.010 | | | | | | |

| 12.21 SOLUBILITY IN WATER | | 12.22 SATURATED VAPOR PRESSURE | | 12.23 SATURATED VAPOR DENSITY | | 12.24 IDEAL GAS HEAT CAPACITY | |
|------------------------------|-----------------------------------|-----------------------------------|---------------------------|----------------------------------|--------------------------|----------------------------------|-------------------------------------|
| Temperature (degrees F) | Pounds per 100 pounds of water | Temperature (degrees F) | Pounds per square inch | Temperature (degrees F) | Pounds per cubic foot | Temperature (degrees F) | British thermal unit per pound-F |
| | I | 0 | .319 | | N | | D |
| | N | 10 | .411 | | O | | A |
| | S | 20 | .525 | | T | | T |
| | O | 30 | .663 | | | | A |
| | L | 40 | .829 | | P | | |
| | U | 50 | 1.028 | | E | | N |
| | B | 60 | 1.264 | | R | | O |
| | L | 70 | 1.542 | | T | | T |
| | E | 80 | 1.868 | | I | | |
| | | 90 | 2.246 | | N | | A |
| | | 100 | 2.684 | | E | | V |
| | | 110 | 3.187 | | N | | A |
| | | 120 | 3.762 | | T | | I |
| | | 130 | 4.416 | | | | L |
| | | 140 | 5.155 | | | | A |
| | | 150 | 5.988 | | | | B |
| | | 160 | 6.922 | | | | L |
| | | 170 | 7.965 | | | | E |
| | | 180 | 9.125 | | | | |
| | | 190 | 10.410 | | | | |
| | | 200 | 11.830 | | | | |
| | | 210 | 13.390 | | | | |